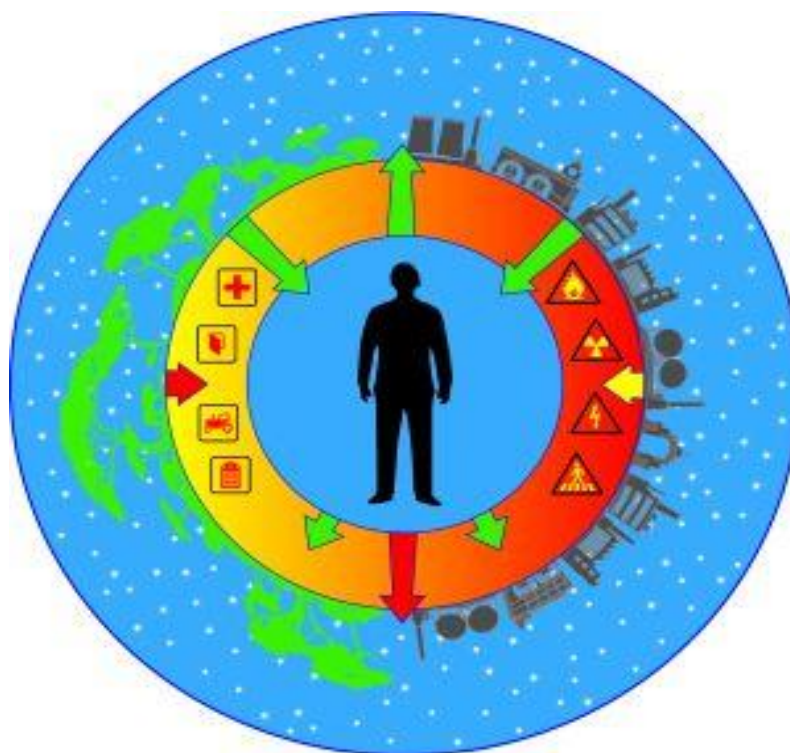


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ENVIRONMENTAL SCIENCES OF UKRAINE**

**LABOR SAFETY AND LIFE PROTECTION
STUDY GUIDE**



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Reviewers:

V. Bogolyubov – Doctor of Pedagogical Sciences, Professor of General Ecology and life safety NUBiP Ukraine;

N. Palapa – Doctor of Agriculture Sciences, Senior Researcher, Institute of Agroecology and Environmental of Ukraine;

V. Zaplatinskiy – Candidate of Agriculture Sciences, Professor, Chairman of the Advisory Scientific and Methodological Council Ministry of Education and Science of Ukraine

S. Kaczmarczyk –Senior teacher, Department of English Philology of Humanities - Pedagogical Faculty NUBiP Ukraine;

L. Piskunova, V. Bondar

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INTRODUCTION

Labor safety and vital activity – a branch of scientific knowledge that covers an extremely wide range of issues that are closely related to the physical, chemical, biological, health sciences and engineering.

Further development of the Ukrainian state assumes an active role professionally trained, educated and erudite specialists with knowledge and humanitarian outlook in various aspects of modern society, including the problems of its security.

Discipline "Safety and life" is a leader in structural and logical scheme of training in the educational degree "bachelor", as is a discipline that uses achievements and methods of basic and applied sciences of philosophy, biology, physics, chemistry, sociology, psychology ecology, economics, management, etc., and allows graduates to solve professional tasks for a certain degree of the risk of internal and external threats that cause emergencies and their consequences.

The purpose of the discipline is gaining student competencies, knowledge and skills for professional activity on the specialty, taking into account the risk of industrial accidents and natural hazards that can cause emergency situations and lead to adverse effects on facilities management, as well as the formation of student responsibility for individual and collective security.

Objectives of the discipline involves the mastery of knowledge, skills and ability to solve professional tasks obligatory account industry requirements for the safety of personnel and protection in hazardous and emergency situations.

Mastered discipline "Safety" future bachelors (junior specialist) should have a set of comprehensive and professional competencies for life safety in their respective areas of professional training to address problems associated with guaranteeing the health care staff in the CO and emergency conditions dangerous situations.

The proposed guidelines should help teachers and students in the study of this discipline, to form a preventive way of thinking and professional work of the future expert

The paper contains basic techniques that allow practical course to learn safety and life, as the complex relationships in the system "man-living environment" at various levels. Special attention is paid to the person of physiological and psychological characteristics. Practice includes guidelines, tests, aimed at in-depth study of the properties of the human psyche, types of human temperament and behavior that contribute to a better understanding of theoretical material. Shows quantitative characteristics of threats, including anthropogenic, specific methods and ways to prevent or reduce their negative effects.

The modern period is accompanying the socio-economic and environmental crisis in the society that has led to a disastrous decline in the living standards. In the recent years Ukraine has seen a steady trend towards deterioration of health; every year a growing number of factors affecting people. This leads to an increase in the number of people, especially the young, with functional diseases and congenital deformities. This situation requires urgent rehabilitation of children, enhancing cultural identity, taking into account the importance of a behavioral component of the health formation that corresponds to the strategic World Health Organization's program "Health for All in the Twenty-First Century."

The history of society establishment has shown that neglecting life safety may lead to serious negative consequences and tragedies. The main objective of life safety is warning and prevention of potential hazard, which is a universal feature of the process of human interaction with the environment. All human actions and all environmental components, except properties and positive results, are characterized by the ability to generate harmful and dangerous factors.

Transformation of Ukrainian society through the development of production and increase in economic activity leads to increased anthropogenic pressure on the environment and imbalance in the environment. In the last two decades intensified negative processes and phenomena, including landslides, mudflows, collapsing riverbanks, the number of man-made accidents and disasters.

In most regions of Ukraine situation with drinking water supply is worsening. The concentration of certain pollutants in many rivers, lakes and other bodies of

water often exceeds the maximum permissible levels by tens and hundreds of times. The number of pollutants that reach the atmosphere because of stationary sources tends to decrease, while the volume of pollutants coming from automobile transport is rapidly growing. Over the last 5-6 years, it has become the largest polluter of the environment in cities. Moreover, its contribution to the total emissions is constantly increasing. Industrial emissions from chemical, petrochemical, oil refining and steel industries, the areas contaminated by pesticides and the negative impact on public health, in particular children, and hence future generations. In the areas of chemical plants, morbidity rate is too high, as well as the number of complications during pregnancy and childbirth, congenital deformities, stillbirth, etc. The residents of radioactively and chemically contaminated areas have suffered from growing incidence of malignant neoplasms. Moreover, the mere statement of hazards from waste and pollution for present and future generations is not eliminating the causes of the deep environmental crisis that has engulfed almost the whole territory of Ukraine. Fundamentally, new environmental and economic thinking should be established. Without establishing such thinking among management personnel at all levels, it is, in fact, impossible to count on the creation of a highly efficient, socially oriented and ecologically safe the structure and model of the national economy in our country.

According to the current legislation, ensuring safety on the territory of Ukraine is the responsibility of both state administrative bodies and each citizen in particular, including private entrepreneurs. The Constitution of Ukraine envisages that each everybody “has the right to the environment which is safe for life and health and to reimbursement of the damage from the right violation” (Art. 50), but is also “obliged not to harm the nature, and “reimburse the damage s/he made” (Art. 66).

The training program for the students of institutions of higher education in the discipline “Life Safety” (joint order of the Minister of Education of Ukraine and the Chief of Staff - Deputy Chief of Civil Defense of Ukraine as of 20.06.1995 No.182/200 “About teaching the discipline “Life Safety” and “Civil Defense”) was one of the first steps in the educational field. The next step in establishing a modern discipline was the program on “Life Safety” published in 1999, according to the order

of the Minister of Education of Ukraine No.420 as of December 2, 1998 “On the improvement of the training on health and life safety at higher education institutions.”

The Study Guide includes the main chapters of theoretical material on life safety, in accordance with the typical program of the discipline. The main methods for determining that allow practically learn the course of life safety as a complex of interactions in the system “man-living environment” at different levels are gathered. Special attention is given to a human, its physiological and psychological characteristics, biomedical and social problems of health.

After each chapter, the Study Guide contains practical and laboratory exercises aimed at in-depth study of properties of the human psyche and types of temperament; assessment of direct and indirect damage to people and the environment, namely noise pollution, the risk of the use of pesticides; deviant behavior impact on safety and health; description of dangerous biological agents and the investigation of accidents outside workplace. This will contribute to a better understanding of the theoretical material. Quantitative characteristics of threats, including man-made hazards, specific methods and ways to prevent or reduce their consequences have been provided.

The authors will appreciate all comments and suggestions to improve the content and structure of educational – methodical Study Guide in subsequent editions.

LIFE SAFETY TODAY IS A MULTIFACETED SUBJECT

Based on modern concepts, *life safety* is a discipline that studies the threats to humans in daily life (at home, on the street, at work, on vacation) and emergency situations (accidents, man-made and natural disasters, etc.) as well as methods of protection from them.

As a complicated category, it covers the life and work of human interaction with the environment (natural and artificial). Certainly, *life safety* today is a multifaceted subject of understanding and perception of reality, which requires the integration of different strategies, sectors, aspects, forms and levels of knowledge. The components of this industry are diverse sciences on safety bearing ideological and professional character:

- Humanities (Philosophy, Theology, Linguistics);
- Natural Sciences (Mathematics, Physics, Chemistry, Biology);
- Engineering Sciences (Strength of materials, Engineering, Electronics);
- Human sciences (Medicine, Psychology, Ergonomics, Pedagogy);
- Sciences on society (Sociology, Economics, Law).

Life safety accumulates the achievements, enabling the individual to realize their potential without hurting himself or herself or the environment or society.

The aim of the education on life safety is the preparation of a human to active participation in the provision of the continuous fulfilling life in the society, which is changing dynamically. The main tasks of such education include:

- shaping a human culture according to its safety, its corresponding moral values, attitudes, behavior, etc;
- ensuring a state of individual protection by the formation and development of the personality traits that promote safety, and the necessary knowledge and skills;
- intensification of technical, scientific and other forms of educational work in the direction of life safety both in educational institutions and beyond;

- promoting the increasing efficiency of the state system of public safety through education and training of people to the adequate interaction, active position to improve the state system, including the legislative sphere;
- improvement of education management of all groups of the population under the criteria of life safety.

The object of the educational direction of life safety is considered the safety of the person as a phenomenon, and the subject - security model. Hence, it prepares a person to a normal life with the active participation to ensure safety, depending on the environment (environment, life, transportation, entertainment, production, social relations, etc.); State support system for human security (fire protection, law enforcement, civil defense, labor, health, etc.) and individual security of a person (psychological state, motivation, skills, personal protective equipment, etc.).

Basic concepts and definitions in the safety of life. Studying the discipline “***Life Safety***” starts with the title consisting of two words “***safety***” and “***life***”. Let us first discuss the term “life”. Although the concept of life has existed since the beginning of humankind, the term “life” is relatively new. The term has appeared with the advent of manned space exploration, but it is now increasingly being used in all spheres: we are talking about the life of the village, town, district and even the microorganisms, although this, as it will be further viewed is inappropriate.

Human activity has a feature that distinguishes it from the rest of the activity of living organisms and creatures. This feature is not only that people adapt to the environment, but also transform it to meet their own needs, interact with it, hence, deliberately reaches the set goal, arising from the manifestation of the specific needs.

As an element of nature and the link in the global ecological system, a human feels the impact of the laws of nature. However, due to the activity combining its biological, social, and spiritual cultural essence, a human itself impacts the nature, altering and adapting it according to the laws of social development to meet its material and spiritual needs.

Life is a human feature not to just act in life environment that surrounds it, but the process of sustainable existence and personal self-fulfillment, group of people, society and humanity in general in the unity of their needs and opportunities.

It is often possible to meet the definition of safety as “such state of any object in which it is not in danger.” But this definition does not satisfy us completely, since this understanding of safety only indicates the absence of the source of danger, that it can describe some ideal situation in which safety is advocated as a desirable, but unattainable goal. Safety is better defined as a state of activity upon which with the predetermined probability the manifestations of possible hazards or risk of missing an emergency may be excluded. However, this definition, as well as the previous one, contains the “*hazard*” that had to be determined. The specialized literature contains the following definition:

DSTU 22293-99 defines the term “*safety*” as a state of protection of a person and society from the risk of incurring damage.

In the definition of “*safety*”, the term “*risk*” is also present. The risk of accidents, damage to or malfunctioning of simple technical devices is not quite difficult to determine. For the very complex technical systems, and especially for the person or society, the risk is a category that has many individual features and characteristics and it is extremely difficult and sometimes impossible to pinpoint it mathematically. In such cases, the risk can be assessed only through peer review.

Safety is a balanced state of a human, society, state, natural and man-made systems, etc. (upon peer review).

Safety is a state of protection of an individual and social from risk;

Human safety is a concept that reflects the very essence of human life, its mental, social and spiritual heritage. Human safety is an integral characteristic of strategic humanity direction the UN defined as “sustainable human development”, a development which is not only an economic but also a social, cultural, spiritual growth that contributes to humanize the mentality of people and enrich the positive universal experience.

Life safety is a branch of knowledge and scientific and practical activities aimed at studying the general laws of hazards, the consequences of their impact on the human body, fundamentals of protection of health and life of a human and its environment against the hazards as well as the development and implementation of appropriate means and measures to create and maintain healthy and safe living conditions and human activities both in everyday life and production as well as in emergencies.

Classification of hazards, affecting factors. Hazard is considered as an objectively existing reality in relations among society and technology, human environment. According to the definition, by the Committee on Risk Perception and Communication of the US National Research Council hazard is "...situation or thing that has the potential to harm a person." According to the American researcher William Marshall (1934-1996), it is a natural or man-made phenomenon, which may occur as a result of phenomena or processes able to infect people, to cause property damage, destroy the environment, etc..

Hazard is 1) a negative feature of animate and inanimate matter, which can cause harm to the matter: people, environment, property.

2) a condition or situation that exists in the environment and can lead to the undesirable release of energy that can cause physical damage, injury or trauma.

Hazards are identified due to the principle of "everything affects everything": the source may be all the animate and inanimate objects; the risks exist to animate and inanimate as well.

- Science that deals with hazard classification is called taxonomy. Depending on the specific needs, hazard classification is applied according to different criteria:

- time of action (impulsive and cumulative);
- localization (associated with litho-, hydro-, atmosphere and space);
- consequences (disease, mortality, reduction in the life expectancy, destabilization of society);
- scale (global, national, regional, local);

- scope for manifestations (domestic, sport, industrial);
- structure (simple and derivatives);
- origin (natural, technological, socio-political, combined).

Hazard classification according to the origin is the most frequently applied one. Natural objects, natural phenomena and natural disasters that threaten the life or health of a human (earthquakes, landslides, volcanoes, storms, hurricanes, fog, clouds, asteroids) are distinguished among the *natural hazards*. *Man-made hazards* are associated with the use of vehicles, technical equipment, the use of combustible, flammable substances, different types of radiation. The social hazards are those caused by low spiritual and cultural level, vagrancy, prostitution, alcoholism. The sources of political hazard are conflicts at international level, political terrorism, war. *Combined hazards* are divided into the following subgroups:

- ✚ natural-man-made (smog, acid rain, reduction of soil fertility);
- ✚ natural-social (addiction, epidemics, infectious diseases, venereal);
- ✚ social-technological (occupational diseases and professional injury)

All hazards, one way or another, are caused by striking (negative) factors. Depending on the specific consequences of damaging factors on the human body, in some cases, they fall into a harmful and dangerous.

A hazardous situation is an event, which creates a real opportunity to display danger, or the danger appears.

Hazardous factors are habitat factors that lead to injuries, burns, frostbite and other injuries of the body or its organs and even to a sudden death.

Harmful factors are habitat factors that lead to poor health, reduced disability, disease and so on.

According to the character, nature, and energy they possess, all the factors are divided into the following groups: *physical; chemical; biological; physiological*.

Apart from the above-mentioned groups of harmful and hazardous factors, there is a group of *passive - active* factors: they effect through the energy of a human (still sharp objects, rough or very smooth surfaces, etc.); and a group of *passive*

factors that affect people indirectly through the degradation of material properties (revealed through the destruction, explosions, etc.)

Risks in a human life. Hazards may be observed in any sphere of activity and quantitative characteristics depending on many factors that are constantly changing over time. One of the most characteristic revelations of hazards is the risk. The action risk or inaction risks is present in 90% of accident causes of injuries at work.

The term “risk” has no clear definition. There is no generally accepted system of terms in risk assessment. The terms “hazard” and “risk” are the most often applied. The interpretation of these terms is not agreed upon, therefore, it is important to give them a precise definition that would reflect the relationships and contradictions between society, environment, and the latest technologies. The source of hazard and risk to human health can be society, environment, and technology altogether or each of these factors individually, therefore, it is possible to isolate the source of hazard and risk of natural, social or natural-social genesis (development).

In its broadest interpretation, the risk is taken as an act that is carried out in conditions of uncertainty, but the risk can be passivity, inaction. Usually, people risk in order to achieve the desired goal or to avoid physical hazards. Consequently, the risk can be assessed as both a hazardous condition and an act (dangerous action of man as part of the system).

The risk is the statistical frequency of likelihood of hazards occurrence, i.e., adverse circumstances that may occur within an adverse event; quantitative characterization of hazards.

Consequences or quantification of damages caused by a hazard depends on many factors such as the number of people present in the danger zone, the quantity and quality of the damaged material assets, natural resources, the potentiality of the zone, etc.

In the structure of subjective activity, risk performs various psychological functions. It may be the aim of a human activity, and its motive, if s/he seeks for thrills. Psychologists believe that everybody has the need for risk.

According to the degree of acceptability, the risk may be neglected, acceptable, maximum allowable, excessive; however, to achieve zero risks, i.e. absolute safety is impossible in practice.

At present, the most common are the concept of tolerable (acceptable) risk. Its essence is to achieve such level of safety, which society could accept (economically justify). *The allowable risk* is defined as the existing one in a kind of activity that does not keep an aware person from actions related to a probable danger. Thus, acceptable risk is a compromise between the level of safety and technical, economic, social and political possibilities of the state.

By increasing costs, the amount of risk may be significantly reduced, but economic opportunities to improve technical safety are quite limited. Excessive consumption of budget on the technical reduction of risk can harm social sphere (expenditures on the medical sphere, education, pensions are reduced) and increase economic risk. The balance between the cost of technical and social spheres is necessary to be established. These circumstances should be considered when choosing acceptable risk which society should accept.

In some countries (the Netherlands, Sweden, etc.) allowable risk level is set by the law. The maximum acceptable level of individual risk of death is considered to 10^{-6} per year. A very small individual risk of death is 10^{-8} per year, the maximum risk for the ecosystem is such upon which no more than 5% of the ecological community type can suffer.

To compare the risks and benefits some countries introduced financial evaluation of life. In Ukraine, many experts claim against, stressing that human life is sacred and evaluate it financially is impossible. However, in order to protect a human, life should be evaluated, especially when it comes to channeling funds for the salvation of a man or compensation for a damage. In the US, human life is estimated at between 650 thousand and 7 mln USD (depending on the state). The introduction of the concepts of acceptable risk, although there are those who criticize it for inhumane approach, will significantly increase the safety of technosphere and humans.

In Ukraine, the only state system of prevention of disasters and response so far focused primarily on response and overcome the consequences of hazards. This affects the capabilities, efficiency measures, reducing losses and reducing risk. The experience of developed countries proves that the protection of the population and territories should base on the risk management of natural and man-made disasters through the application of preventive measures, the introduction of new quantitative methods for assessing technological and natural risks. It is necessary to gradually change the reflective management model, switch to a strategy focused on preventing the consequences of emergencies, and minimize them. Therefore, the implementation of a risk-oriented approach to reducing the risk of crises and the development of state programs in prevention of adverse events and their elimination are the topical issues nowadays.

The risk-oriented approach is a complex of organizational arrangements, which involves monitoring, analysis, risk assessment of any entity because of probabilistic safety analysis aiming at preventing disasters and risk management in general.

The main tasks of the risk-oriented approach is to ensure the safety of industrial and warehouse buildings (structures), complex potentially dangerous objects and objects with a high risk potential, enterprises, technical systems, objects of mass occupancy (airports, seaports, river, rail and car stations of republican and regional significance, stations), which are of strategic importance for the economy of the state. The presence in Ukraine of over 17 thousand potentially dangerous objects leads to a high probability of crises that could potentially threaten people, economy, and environment. This calls for the creation of a real scientific basis for the development of methods for assessing the danger of objects and scientific foundations of the concept of acceptable level of risk (socially, economically, technically and politically reasonable risk does not exceed the maximum allowable level).

Switching to risk analysis and management should not only ensure the overcoming of the negative trend to the increasing number of emergencies but also

minimize their negative consequences: life losses, financial losses, damage to the environment.

The principles of risk-oriented approach are applied in both strategic planning and daily activities of civil defense. One of the possible ways of improvement in this area is taking more effective practical measures to prevent dangerous situations and minimize their negative consequences. This can be done by borrowing best practices of effective regulation of state security from European countries.

Risk-oriented approach to the process of safety management involves the following steps:

1. Identification of risk factors. It lies in identifying all the sources of hazards (threats), events that trigger the occurrence of accidents or emergencies, descriptions of objects and existing remedies, possible scenarios of the events and their ranking.

2. Risk assessment. This is the process of determining the likelihood of adverse events (accidents) during a certain period and magnitude of impacts on human health, property and the environment.

3. Risk management. In the area of environmental and technical safety, it is oriented to minimize social and economic consequences of emergencies of technogenic and natural character in Ukraine through the introduction of modern mechanisms of regulation in this area because of a risk-oriented approach and ensuring an acceptable level of safety of the population and territories. To achieve the declared goal the following should be developed:

- the system of monitoring, risk analysis and forecasting of emergency situations as the basis of activities to reduce the risk of emergencies;
- emergency prevention system and state regulation risks mechanism;
- emergency response system;
- the system of the training for administrative government officers, experts and the public on reducing risks and emergency scales.

The risk-oriented approach also provides a measurement of risks, which is a legal activity to develop and approve the rules of natural and industrial safety and regulations towards business activities, which are determined on the grounds of the

risk index within acceptable measurement. It helps set the boundaries of acceptability of technological activity. Introducing the measurement of risk emergencies of natural and industrial character in Ukraine a state system of measurement is required. For its effective functioning it is necessary to develop unified methodological approaches to risk assessment of hazards of different nature and different type that exist in Ukraine; consider all factors and sources of danger affecting the magnitude of the risk of emergencies; human impact and climatic features of the territories; the significance of all the consequences (of economic, environmental, social nature) that may be caused by the expected emergency situations of natural and man-made character.

Today, risk-oriented approach to the assessment of environmental issues is the most promising area that is rapidly developing. Its application allows solving some problems of toxicology and hygienic regulation. On the basis of risk analysis, a new toxicometry with appropriate mathematical tools may be established, hygienic rationing by creating a new methodological basis may be standardized. Thus, unlike the toxic, carcinogenic factors have no obvious threshold actions, a single hygienic measurement can be defined since it is impossible to determine such measurement within traditional approaches. The risk-oriented approach may be applied as the threshold for toxic and carcinogenic threshold factors that helps bring together liminality and non-liminality as the principles of hygienic regulation.

A reference point for establishing acceptable levels of risk in Ukraine is risk index in the developed countries: the minimum allowable risk should not exceed $1 \cdot 10^{-6}$; maximum allowable should not be less than $1 \cdot 10^{-4}$.

The methodology of risk-oriented approach has been applied in both strategic planning and daily operational activities.

Essay on "Explain the highest and lowest factor" Having made a statistical assessment of dangerous and harmful factors for human life, I have made some conclusions. At the moment, there are some very serious factors in this table, but less important ones. AIDS, the presence of radioactive substances in the air, water, soil, and drugs are the factors that I think are dangerous and harmful to human life. For example, because of the presence of radioactive substances in important components

of our earth, serious, complex illnesses are likely to occur, with the likelihood of a fatal end. Drugs have always been dangerous. Due to their use, people can get AIDS, hepatitis, purulent injuries, sepsis, head trauma. Also, it would be correct to add to this table a factor such as "the error of doctors in the treatment and conduct of operations", because at the moment in the country there is not enough developed medicine, which is why both children and adults die. Increasing and decreasing atmospheric parameters, personal problems and worries, sports and mass events are the factors that I do not consider to be of great harm to the health and human body, they are not significant. According to statistics, "demographic situation in Ukraine in 2017-2018" among the causes of death of the population is the first place diseases of the circulatory system, neoplasm, external causes of death. Therefore, you may think that my assessment is partially correct, but the judgment depends on the subjective attitude.

Having read articles on the Internet, I found information that poverty in Ukraine, as well as in other countries with economies in transition, is a significant reduction in the income of the majority of the population, while maintaining a relatively high social status (level of education, qualifications, and social ties) . To overcome poverty in Ukraine, the following changes need to be implemented:

- in the political sphere, to remove the oligarchs and their puppets from power;
- in the economic sphere, to make the basic model innovative instead of the current raw material;
- in the social sphere, not to oppose a person to society, but to show genuine concern for him, without limiting his rights and freedoms, to guarantee the opportunity to obtain quality education and medical care, as well as employment, creating new jobs;
- to provide state support in the production sphere for the development of energy-intensive, energy-saving technologies in industry and agriculture;
- in the sphere of state regulation of the economy, to create an effective monetary and financial system;

Even teenagers who are expectant parents with a young body that is addicted to smoking and that is over 15% in Ukraine. And in my opinion, we need to influence that. Also, smoking has a significant impact on the quality of life: children who start smoking from 8-10 years of age will not reach the average life expectancy of 6-8 years;

- A 35-year-old smoker will live 5 years less than her non-smoking habit;
- A 35-year-old smoker will live 7 years less than a non-smoker.

I believe that the most dangerous factors for human life are: 38-Infectious diseases. Outbreaks of infectious diseases in a particular area are very dangerous, and in a short period of time the infection can spread over a large area, which can lead to great human losses.

During our lifetime, the number of cars is increasing and almost every day there is a large number of new drivers. Every day in the world due to the inattention of pedestrians or drivers, a large number of people are killed and no one is warned.

At this stage of humanity's development, many factories, stations, factories need to be built to fully provide everything necessary to man. There are now many stations. Working on natural energy, but also retarding those operating on atomic energy, it carries great danger for all living organisms that are and live near such stations. Because during breakdown or overload, this energy can explode and cause a large amount of radiation to be released into the air and this will directly affect people's lives. I also think that safer factors for a person's life are: 1-Increase in prices. I do not think that raising prices will not fundamentally affect a person's life, but will affect only his financial situation, but there are no risks to a person's life.

Medicine is rapidly evolving and many professional surgeons are released every year, and even the most complex operations today do not pose any risk to the patient.

House injuries. Everyone has experienced some unpleasant traumas or fractures, but this has not been significantly affected by the life and development of the individual, so it is not a great danger to human life.

For this work, I have chosen the following factors that can be life-threatening: alcohol consumption, domestic violence, poor food use, natural disasters, food poisoning, and radioactive substances in the environment. I would like to start with the factor that in my opinion is the least threatening - the use of poor quality food. We have been told many times about the importance of using fresh, proven food. And more than once, we have had to watch for ourselves or for other consequences of not meeting such requirements. Undoubtedly, poor food causes some damage to our body, but modern medicine can quickly eliminate the effects of misuse.

The same can be said about food poisoning, which has a low mortality rate due to medication and timely treatment, so the danger is not critical. Next, I would like to address a factor such as domestic violence. We all know that a person's personality has been formed since childhood. Therefore, it is quite obvious that by watching the violence in their environment, the child's psyche can be severely affected. The same can lead to various problems in later life, starting with internal conflicts and ending with various types of deviant behavior. And this is a great threat to society. After the violence, I quit drinking. The danger of this factor lies in two things. First, it is a completely individual reaction of our body to alcohol consumption. Secondly, it is the appearance of addictive behavior, subject to constant use, which may subsequently flow into other types of deviant behavior, such as delinquent, that is, crime. The following are, in my opinion, the most dangerous factors - natural disasters and radioactive substances in the environment. Their danger is explained by the fact that, unlike the previous ones, a person cannot control them, which is why the mortality rate in such cases is critically high. And even if current technologies help us determine the likelihood of natural disasters and ways of avoiding them, then radioactive substances are another matter. It is impossible to predict what will be the reason for their presence, and when they do get into our environment, the consequences are always unlikely to be high mortality.

The most dangerous factors for human life: Murder is the forced end of biological life. You can be killed by both action and inactivity - for example, failure to provide medical assistance or the provision of a non-qualified specialist in false

care. In my opinion, abortion, which is legal in Ukraine, is the most common murder and is often abused by women. And damage is called violation of the anatomical integrity of tissues, organs and their functions, which arises due to the action of external damaging factors. Because of this, not every person passes every day. From a slight stroke, the pain of which subsides within minutes, to life-threatening. And to the extent that any subsequent damage is significant to the individual, it is also quite dangerous to health.

Least harmful factors for human life:

Presence of radioactive substances in food supply:

Up to 80% of harmful substances enter the human body with food and drink. These include compounds that, therefore, in my opinion, the small amount of radioactive substances in the food supply practically do not harm the life and health of man.

Even a person is slightly radioactive because there are traces of radioactive substances in any living tissue. In such living conditions and with such food our ancestors lived and lived a short period of life. Therefore, in my opinion, the small amount of radioactive substances in the diet does not practically harm the life and health of the person.

Diagnostic radiation:

Radiation is used in medicine for both diagnostic and treatment purposes. One of the most common medical devices is the x-ray machine. New and sophisticated diagnostic methods that rely on the use of radioisotopes are also becoming increasingly common. One of the means of cancer control is known to be radiation therapy. Therefore, it is worth mentioning not only as a "pest" for human health, but also as a "doctor" and a "savior."

Each of us is surrounded by various dangers. Some of them are relevant to the majority of the population. For example: pollution, terrorism, personal injury and more. And some on the contrary - only for certain groups of people. As for me, I have highlighted a few major dangerous and harmful factors for my life. The first is AIDS, as Ukraine is the leader in Europe for the spread of HIV, which leads to this disease.

The second is the presence of chemicals in the environment, because now the environmental status of air, water and soil is significantly degraded due to chemical pollution. Thirdly, the lack of necessary food, because at the moment I am not eating properly and this is having a detrimental effect on my health. As it turns out, there are dangers that do not threaten me.

First, I am not harmed by drugs because I do not use them. Secondly, I do not suffer from domestic violence because in my family, no violence has ever been tolerated. And thirdly, my life is not threatened by reservoirs, because I do not visit them. I have come to the conclusion that people cannot always protect themselves from the dangers, because sometimes dangers for people are created by other people. Having made a statistical assessment of the dangerous factors, I came to some conclusions. The most valuable is our life. Military action involves the deliberate loss thereof. Having rated this factor at 40 points, I wanted to draw attention to this problem. This topic is very relevant today especially for Ukraine. As of August 2017, according to the UN, since the beginning of the Donbas conflict in April 2014, there were 10225 dead and 24541 wounded as a result of the fighting. This number includes Ukrainian servicemen, members of pro-Russian armed groups, and civilians. It is difficult to understand that our compatriots die every day. But thank them very much and "thank you"! Terrorism - in the broad sense of the use or threat of violence for political, religious or ideological purposes. Conscious, deliberate use of terror by hostage-taking, arson, murder, torture, intimidation of the public and authorities, or other harm to the life or health of otherwise innocent people or threatening to commit criminal acts for the purpose of achieving criminal, in view current government, goals. This factor is extremely dangerous because it threatens the very civilian population. So I rated it at 39 points. In the first place I have sports and mass events. Since I play sports, I can assure you that it is very useful and does not carry any threat. On the contrary, it helps to keep our physical health in tune. It is important not to be lazy, and at least in the morning to do elementary charging and everything will be fine. This factor is rated at the lowest score of 1. Personal problems and concerns are rated at 2 points. I think this factor does not pose any threat. After all, it requires

as much personal analysis as possible. The main thing is not to lower your hands and clearly go to the goal, passing these problems with dignity. Therefore, this factor is the least dangerous unless you are naturally depressed. In conclusion, I would like to quote the following opinion: "Action will not always lead to happiness, but luck can only lead to action" Benjamin Disraeli, former Prime Minister of Britain

Life is quite unpredictable and carries with it many situations that can harm a person's health or even life regardless of his actions. After analyzing forty life-threatening factors, I ranked radioactive radiation in the environment and in food as my first priority. It is no secret that after the accident at the Chernobyl Nuclear Power Plant, the number of oncological diseases has increased significantly. Two members of my family took cancer and I had to watch the disease. Today, scientists are arguing about a genetic predisposition to cancer. Whatever, but death in such anguish is the worst for me. Next I put the murders and intentional damage. I am often forced to return home late at night, and the possibility of an attack, for example, with a view to robbery, is quite likely. In the third place can be attributed car accidents. This is a very common disaster that can happen to anyone at any time, and most often due to carelessness or drunken driving. In my opinion, sports and mass events are the least dangerous. They do not carry dangers, they even develop the population, except for casual injuries inherent in certain sports. But when one agrees to participate in such an event, they know what it is about. Next, I can supply drugs. Yes, this is a very common problem in today's society. I have never used drugs, so I do not consider them to be a dangerous factor, like suicide. This is the most ridiculous step that I would never have taken under any circumstances. There are no unsolved problems that cost more than life. Therefore, we must do everything in our power to avoid dangerous situations not only for ourselves, but also for others. After all, our lives also often depend on other people.

Stale and substandard foods can lead to various diseases, including cancer. More than 20,000 people suffer from a stomach disorder every day on the planet and most often get to the hospital, which can even lead to death.

It is the most dangerous and destructive factor that daily kills hundreds of thousands of people including civilians. There are wars all over the world, which is why it is extremely dangerous for the entire planet. Just imagine for a second that if one of the nuclear-armed nations drops a nuclear or water bomb into the Mariana Basin, it could destroy the entire planet Earth, and that is a scientifically proven fact. The inevitable destruction of the ecology of the world and the soon-to-be destruction of the planet you and the complete extinction of humanity.

Bathing is less dangerous than others because there are very few fatal cases in swimming pools and reservoirs, but there are exceptions when people are intoxicated or intoxicated. small.

In my opinion, this factor is almost not dangerous, because the human body is already fully adapted to the presence of radiation in everything that surrounds us. This is the reason why less than 60 people die from radiation and environmental pollution in Ukraine. I think this is the least dangerous factor.

Statistical evaluation of dangerous and harmful factors for human life I believe that the most dangerous factors for human life are: 38-Infectious diseases. Outbreaks of infectious diseases in a particular area are very dangerous, and in a short period of time the infection can spread over a large area, which can lead to great human losses. 39-Road transport. During our lifetime, the number of cars is increasing and almost every day there is a large number of new drivers. Every day in the world due to the inattention of pedestrians or drivers, a large number of people are killed and no one is warned. 40-Nuclear Power Engineering. At this stage of humanity's development, many factories, stations, factories need to be built to fully provide everything necessary to man. There are now many stations. Working on natural energy, but also retarding those operating on atomic energy, it carries great danger for all living organisms that are and live near such stations. Because during breakdown or overload, this energy can explode and cause a large amount of radiation to be released into the air and this will directly affect people's lives. I also think that safer factors for a person's life are: 1-Increase in prices. I do not think that raising prices will not fundamentally affect a person's life, but will affect only his financial

situation, but there are no risks to a person's life. 2-Surgical intervention. Medicine is rapidly evolving and many professional surgeons are released every year, and even the most complex operations today do not pose any risk to the patient. 3-House injuries. Everyone has had some unpleasant traumas or fractures in their lives, but this has not significantly affected the life and development of humans, so it is not a great danger to human life.

Murder is the forced end of biological life. You can be killed by both action and inactivity - for example, failure to provide medical assistance or the provision of a non-qualified specialist in false care. In my opinion, abortion, which is legal in Ukraine, is the most common murder and is often abused by women. And damage is called violation of the anatomical integrity of tissues, organs and their functions, which arises due to the action of external damaging factors. Because of this, not every person passes every day.

From a slight stroke, the pain of which subsides within minutes, to life-threatening. And to the extent that any subsequent damage is significant to the individual, it is also quite dangerous to health.

With the onset of aggression by the Russian Federation, the problem of terrorism has become particularly relevant in Ukraine. The dynamics of the increase in the number of terrorist crimes committed cannot but disturb Ukrainian society. However, statistics that can testify to the low performance of law enforcement agencies in Ukraine are equally worrisome. These data indicate a high threat to human life and health in Ukraine.

Least harmful factors for human life:

Presence of radioactive substances in food supply:

Up to 80% of harmful substances enter the human body with food and drink. These include compounds formed in the process of cooking and cooking, food additives, and side contaminants. Even a person is slightly radioactive because there are traces of radioactive substances in any living tissue. In such living conditions and with such food our ancestors lived and lived a short period of life. Therefore, in my

opinion, the small amount of radioactive substances in the diet does not practically harm the life and health of the person.

Radiation is used in medicine for both diagnostic and treatment purposes. One of the most common medical devices is the x-ray machine. New and sophisticated diagnostic methods that rely on the use of radioisotopes are also becoming increasingly common. One of the means of cancer control is known to be radiation therapy. Therefore, it is worth mentioning not only as a "pest" for human health, but also as a "doctor" and a "savior."

Conclusions: In my opinion, the most dangerous for a person's life are the factors with a rating from 40 to 35, namely: fires, terrorism, hostilities, killings and intentional injuries, AIDS, narcotic substances.

Fire is not a controlled burning outside a special fire, which spreads over time and space and threatens the life and health of people, the environment, and leads to material damage.

For 2019, the number of fires increased by 22.1%, including in the fields of cereals and industrial crops (an increase of 2.3 times), the field peat by 19.1%.

The death toll from fires increased by 4.8%, the death toll from fires increased by 4.8%, and the number of fires injured by 1.9%. The number of children and adolescents under the age of 18 who died as a result of the fires increased by 31.3%, the number of children and adolescents under 18 years injured by the fires decreased by 3.8%. Material losses from fires increased by 39.6%, the number of destroyed and damaged houses increased by 3.8%, vehicles by 4.7%. Material losses from fires amounted to 7 billion 265 million 116 thousand hryvnias. On average, there are 272 fires per day in Ukraine.

War and terrorism, in fact, represent the complete decline of humanity; they undermine and limit the values that underpin human rights.

With regard to drug use, this is the worst problem for humanity. Man kills himself. Within 2-3 years, drug use will lead to complete exhaustion of the body. The person becomes thin, his skin gets a yellowish tint, the nail fragility appears, the hair

begins to fall out, full and irreversible impotence. It loses the ability to even the slightest physical and mental strain. Premature aging comes with signs of dementia.

Completely lose their previous feelings and interests, the only concern is getting the drug at any cost. There is a final moral and intellectual degradation - a complete disintegration of the individual. A man who is addicted to drugs is gradually entering the criminal environment. The world of drug addicts and crime is cruel, and human life is worthless. It is well known that in order to raise money for drugs, addicts have to steal, rob people, sell and engage in prostitution.

Drugs and crime are paired. Of course, everything in life starts with petty shoplifting or pickpocketing, and ends with more serious crimes - robbery, robbery and violence.

In my opinion, factors number 1 to 5 are least harmful to a person, namely: food poisoning, poverty, personal problems and worries, price increases, national conflicts. Some of these factors can usually cause discomfort and problems in people's lives, but they are usually not as life-threatening as those presented above.

Having made a statistical assessment of the dangerous factors, I came to some conclusions. The most valuable is our life. Military action involves the deliberate loss thereof. Having rated this factor at 40 points, I wanted to draw attention to this problem. This topic is very relevant today especially for Ukraine. As of August 2017, according to the UN, since the beginning of the Donbas conflict in April 2014, there were 10225 dead and 24541 wounded as a result of the fighting. This number includes Ukrainian servicemen, members of pro-Russian armed groups, and civilians. It is difficult to understand that our compatriots die every day. But thank them very much and "thank you"! Terrorism - in the broad sense of the use or threat of violence for political, religious or ideological purposes. Conscious, deliberate use of terror by hostage-taking, arson, murder, torture, intimidation of the public and authorities, or other harm to the life or health of otherwise innocent people or threatening to commit criminal acts for the purpose of achieving criminal, in view current government, goals. This factor is extremely dangerous because it threatens the very civilian population. So I rated it at 39 points. In the first place I have sports and mass events.

Since I play sports, I can assure you that it is very useful and does not carry any threat. On the contrary, it helps to keep our physical health in tune. It is important not to be lazy, and at least in the morning to do elementary charging and everything will be fine. This factor is rated at the lowest score of 1. Personal problems and concerns are rated at 2 points. I think this factor does not pose any threat. After all, it requires as much personal analysis as possible. The main thing is not to lower your hands and clearly go to the goal, passing these problems with dignity. Therefore, this factor is the least dangerous unless you are naturally depressed. In conclusion, I would like to quote the following opinion: "Action will not always lead to happiness, but only action can bring happiness," Benjamin Disraeli, former Prime Minister of Britain. Based on the sociological approach, I conducted a statistical assessment of the dangerous factors for human life and using the point system reached certain conclusions. Personally, murder and intentional harm to me is a very dangerous factor. After all, no one has the right to harm or take one's life. That's why I rated it 40 points. As far as I am concerned, rail is the least dangerous. There are two main arguments: - it moves along a strictly dedicated lane and, unless a failure occurs in the control service, another train cannot suddenly appear, unlike the same aircraft and ships, not to mention cars; - it moves on the ground, so even in the event of an accident, the probability of escape is much higher than if you are in the air or on the water. Therefore, I evaluated this factor at 1 point. 38 and 39 - AIDS and suicide. After all, AIDS is a plague of the 21st century. And suicide - according to statistics shows very poor results. According to WHO, every 40 seconds in the world, someone voluntarily parted with their lives. Approximately 800,000 people become victims of suicide annually, most often in developed and wealthy countries. According to the WHO rating, Ukraine is one of the countries with high suicide rates. At the same time, over the past few years their number has increased - including at the expense of former military. According to the World Health Organization, in 2000 in Ukraine per 100 thousand population accounted for 29.6 suicides. After 10 years, their number dropped to 18-19, but in the last couple of years it has again increased and exceeded 20 suicides per 100 thousand people. But in the case of Ukraine, another category of

people is added - current and former military. I appreciated the prices and the reservoir in 2 and 3 points. I can explain my point of view in that I do not consider it a global problem to raise the value of anything, because it is the main health, not the material component. Moreover, prices raise it, then lower it again. Water reservoirs are a danger, of course, but with such a level of agitation, coaching, etc. it is difficult not to know the rules of behavior on the water, and even more so it must suffice the mind not to crawl into an untested reservoir. Here are my top 3 safe and dangerous factors. Of course, my opinion can be denied, but it is mine and... Road transport - today is a big factor in the number of accidents. Transport accounts for the largest number of emergencies, especially with deaths. For example, for me the car is the most dangerous because almost every day I drive on it. It is especially terrifying when the accident happens not because of your fault, but because of another car that has violated traffic rules. In my opinion, the accident has an impact on the emotional state. And it is good that everything ends only with stress and not with death. Infectious diseases - the danger is that we are in a society where diseases are transmitted from infected people - healthy. Everyone cannot avoid infectious disease. Particularly sensitive to diseases in our time, people who have poor immunity. But the worst is infectious diseases that cause death. Domestic violence is the safest factor of all, because I can't even imagine it. Violence is only possible in a disadvantaged family where there is no mutual understanding and respect. To me, this fact is unclear and unacceptable, since relationships in my family are built on respect for one another, so even conflict situations can be avoided. Aviation is a safe factor for me because I don't fly on air. But according to statistics for 2018, 24,000 people were injured as a result of motor vehicle crashes, and there were no accidents in aviation. Aircraft of proven airlines are handled by craftsmen who make no mistakes.

In my opinion, from the table of dangerous and harmful factors for human life, I would remove the item "Food poisoning". Of course, there are so many cases in the world where a person dies precisely from food poisoning, but still. I do not consider this point important enough, because, first of all, one must understand that he is

consuming in his diet and, when necessary, properly adhere to the proportions and recipes of cooking a particular product. In this situation, everything depends on it. To this point in the table I have put only "1" score. In order to avoid food poisoning, we need to keep track of the food and products we consume. Therefore, it is precisely from the above arguments that you can make sure that "Food poisoning" is unnecessary in the table. Why I decided to put suicide, drugs and lack of necessary food the last in the table (statistical evaluation of dangerous and harmful factors for human life) In my opinion, can cause suicidal depression and loneliness. even there is no attention at the next time of a man which you could tell your problems and already take a decision along with it, you can find it i can say what makes me always my life also i will be satisfied with what i have friends and my environment in whole. i was always supported by my parents and i cannot even imagine what it would have been them and what moral injury i would have been if i have been. Therefore, I am 100% sure that all the problems can be solved and that everything in life is only at a certain period of our lives, and it will only be better. Consider that drugs are most parasitic to our brain. the people change the perception of reality, and with every single of this preparation it is much more complex to reject to this reality. Therefore, I am categorically against it. I can say with certainty that my position remains intact for the rest of my life. I know that in some points of our country there is such a problem as the lack of necessary supply products is, unfortunately, this is the case. our country is developed developed. And a person who is a competent person and has a desire to work for money, in my opinion, can realize themselves in any sphere of ours. That is why I have placed this item in 33 places. Essay What factors have I scored above, what is lower? Human life is full of various events that often happen independently of us and may have different effects on health. Each person in his own way determines which situation is most dangerous for him and which is the safest. I have chosen three more dangerous events that can happen, namely, military action, nuclear power plant accidents, and fire. Why these? I'll try to explain. Military action, in my opinion, is one of the greatest dangers, because they take away life and health at the same time in a large number of people, deprive homes, tranquility, a fixed way of

life. Another danger to humanity is the seemingly peaceful atom, that is, the use of atomic energy. An example is the Chernobyl accident. Fire is a friend, fire is an enemy. And that's really true. You should watch out for it, because if there is a fire, many people have to make a lot of effort to extinguish it, sometimes at a too expensive price ... The safest ones for me are sports and mass events, drugs and smoking, because I am not a cultural advocate mass events, with a distaste for drugs and smoking. I know about the negative impact of these substances on the human body and the addiction that results from their use. Of course, I also agree that it can be very, very dangerous for others. Therefore, everyone can determine which factors are the most dangerous and safe for them. But always remember that health and life are the most valuable things we have.

What are the factors I have set the highest scores, what are the lowest I believe that any activity is potentially dangerous. Some human activities can cause various injuries, diseases, poisoning and even death. Therefore, we must be aware of dangerous and harmful factors in order to establish the conditions for a safe life. In the discipline of work and life, we are tasked with identifying the most dangerous and harmful factors that, in my opinion, are personally harmful to our health. I scored the highest scores for the following factors: 40 - infectious disease, 39- military action, 38- diseases related to the presence of chemicals in the environment. In my opinion, such factors are the most harmful both to us personally and to society as a whole. The safest factors for me are: 1 - sports and mass events, 2 - smoking, 3 - narcotics. These factors do no harm to me, and sports are generally beneficial to us, because sports are a guarantee of health! So, everyone has bad habits and dangerous factors that harm their health and affect the society, but each of them is different and we have to deal with it on our own, in order to reduce the risk of various herbs, diseases and so on. Panishko Alina, 1902 band, considering the table of dangerous and harmful factors for human life, I was able to draw some conclusions for myself. I split these factors into those that are weightless and those that are more global. To the first I attributed the following: reservoirs (bathing, rest), diagnostic radiation, electromagnetic radiation, lack of necessary food, food poisoning, surgery, price increases, personal

injuries, sports and mass events, industrial injuries, electric shocks, electric currents, electric shocks price increases, personal problems and worries. Why is that? I believe that these factors do not carry a general risk, but only a group one. The only thing that is missing from the table, in my opinion, is neglect of environmental rights, because now the problem of ecology is too widespread and needs special attention. So, in this table, the factors that do not pose a threat to all of humanity, but only to a specific person or group of people, are unnecessary.

Essay Yaotsinilaterrorism40points, sofor you are the worst in our world, which may happen anytime, you may be able to be afraid of deaths, innocently innocent citizens. In39substantialvalues of warfare, because somethacidia occur in ourcountry, and alas, the usual animal life can be done. An example might be a situation far from far away. Not far away, there was a warehouse of ammunition. But, because of this situation, which happened in the country, it was blown up. I think that the illumination of the problem is more serious than the poverty. Unemployment has appreciated2 points. Therefore, in our world, there are many vacancies, and at any moment we can submit our sum. Who wants to look for opportunities, who wants to look for reasons.

Currently, there are many harmful factors in our society that can damage our health. In Table 1.4 of the statistical evaluation of the dangerous and harmful factors for human life, I would remove (7) poverty, and instead add hunger strike, because it dies faster than poverty. From the list we can exclude (34) personal problems and worries, harmful their impact is minimal, and instead it is better to add genetic diseases because they doom a person to permanent treatment and a difficult life, in most cases they die early. Sports and mass events (31), I think this factor is also unnecessary, except in cases when on these Instead, you can add chemical waste from factories in the air, water, it threatens not only people but the entire planet. From the table you can remove (20) medicines, in small doses they do not carry the threat, but counterfeit medicines can cause great harm, as people will use them, they will not be helped, and this will affect the development of complications of the disease. Also, in my opinion, there are unnecessary (27) household injuries, deaths through them are

rarely recorded, but here work-related injuries such as Buddha's struction, entails not only injury but also deaths. So, our lives are full of different dangers that can happen to anyone and end badly, but compliance with safety and diligent performance of our duties will eliminate these risks.

A person's life is full of dangers. Every day we face various threats that we sometimes create on our own. Having analyzed the dangerous and harmful factors for a person's life, I have identified several basic ones for me. Given the recent events in Kiev, namely the events on the Metro Bridge, I have put terrorism first among the threats to my life. Second place is road transport, because there are some accidents every day, and I do not always follow the rules of the road. And in third place there were domestic injuries, because I'm not a very careful person. In the process of analysis, I also found several factors that are least dangerous for me and my life. As it turns out, I do not suffer from the water because I almost do not visit them. I am also not at risk of domestic violence because it has never been allowed in my family. And the last factor is the use of poor-quality food, because I eat well and make sure I eat. I think it is impossible to live without threats. But analyzing them can reduce their numbers. As an example, start working on dangerous situations that depend on you and that you can still influence

Due to the fact that the table lists 40 harmful and dangerous factors, I propose to consider the three most and least influential in my life so far. 40th place is occupied by road transport. Every day, when I get to study, I am a road user. Unfortunately, the sad statistics prove that many people neglect the rules of safety on the road (traffic rules) and even without being a car driver, I risk becoming a participant in an accident. 39th place - hostilities. We live in a country where hostilities take place. A possible option for the deployment of a military conflict will continue to threaten the lives and health of a very large number of people, including myself. Killings and deliberate injuries took the 38th place. Unfortunately, walking through the city or just being in your home can put you in a dangerous situation. For example, several years ago, several cars stopped at my house and a firefight began. It was a risk for me and my family. Everyone can experience such situations and it is

truly life-threatening. For the items I have the least influence on, 1 place is taken by drugs. For me, the use of this type of substance is unacceptable, so drugs do not threaten my life. 2nd place - poverty. This aspect is not dangerous to my life and health, as I currently live with normal financial support, and I plan to continue my career and be financially independent. 3rd place - domestic violence. I grow up in a family where there is no type of violence (physical, moral, economic, etc.), further convinced that there will also be no problem with violence, so it does not endanger my life.

Looking through the table of statistical evaluation of dangerous and harmful factors for human life, I made conclusions and gave my points to each of the above harmful factors of life. The first place in my "top" is the concept of "natural disasters". I gave him 40 points because it is a waste of many lives and cannot be protected. You never know when or where it will happen. They happen quite often and bear great damage to society. 2nd place and 39 points I put the item "Military Action". It concerns everyone, it's awful. There is a war in Ukraine, many people are being killed and all this is destroying people's lives, the country's economy. Cities and towns are being destroyed. The third place is occupied by item 21 "Narcotic substances". They are dangerous for life and health, destroying people's lives. They are very common in our country and therefore occupy the 3rd place. The most recent places are: "Sports and Mass Activities", "Personal Problems and Concerns" and "Unemployment". Personally, I do not consider these factors to be a threat to human life and health. These problems can be anticipated and solved by yourself. Therefore, the examples given are those that pose a serious threat to human life and health, and are those that do not pose a threat to the individual at all.

Essay on "What Factor I Placed in the Table on Pages 12-13" When I was scoring in the Table "Statistical Assessment of Hazardous and Harmful Factors for Human Life", I used the knowledge I gained from the lectures on the discipline "Labor and Life Safety" "And the general knowledge he has acquired throughout his life. The most dangerous harmful factors for human life are: Military actions; natural disasters; murders and intentional injuries; radioactive substances in the environment;

poverty; lack of necessary food; unemployment; road transport; national conflicts; terrorism; infectious diseases. These ten Deaths look exactly like this, because in my subjective discretion, these factors alone take away the most human lives in the world. The following are dangerous and harmful factors for human life: The presence of radioactive substances in air, water, soil; the presence of radioactive substances in the diet; the presence of chemicals in the air, water, soil; the presence of chemicals in food; diseases associated with the presence of chemicals in the environment; fires; narcotic substances; smoking; AIDS; suicide. These are the second dozen dangerous factors, because in my subjective discretion they are dangerous and pose a threat to human life every day, but carry less threat than the top ten. Factors that pose a threat to human life include: Nuclear power; consumption of alcoholic beverages; occupational injuries; food poisoning; the use of poor-quality food; domestic injuries; reservoirs (bathing, resting); domestic violence; sports and mass events; diagnostic irradiation. The top ten factors that threaten human life include the factors that are higher, because in my subjective discretion, they are threatening, but not critical. Acceptable harmful factors include: Electromagnetic radiation; electric currents; increase and decrease of atmospheric parameters; Railway transport; medicines; personal problems and concerns; raising prices; surgery; aviation transport. To the fourth dozen factors that can pose a threat to human life, I have included the factors listed above. In my opinion, these factors are the least dangerous than any other. After all, they are the least affected by people.

Evaluated AIDS with the highest baltic that infection of the human immunodeficiency virus occurs in the case of infected material or mucous membranes, or the damaged skin of the human. Also possible intrauterine infection of the fetus from the infected mother. As well as HIV is multiplied by the lymphocytes and other cells of the organism, it contains virtually all biological fluids (blood, lymph, removal of sex organs, semen, urine, tears, saliva, sweat, and at the same time, to be strained, to be dreaded, Automobile transportassessed the39something, which is nowadays more and more accidents, in which Unfortunately, always surviving people. Alsomajority are played by roads that are inferior to the proper

condition. Estimated 1 point. Qualified an increase in the value of life threatening prices. The personal problem of the problem has given itself an appreciation of 2 points, but I consider it an extraordinary situation that cannot be resolved.

"Why did I score such points when evaluating dangerous and harmful factors in my life?" 1 point Personal problems and concerns. We are all unique, that is, unique in nature and form. Everyone perceives different life circumstances in their own way and responds to them in their own way. We all have different feelings and emotions, and there are no absolutely right or, conversely, wrong people. There are different situations and different people. There is no problem that cannot be solved, either a lack of life experience or knowledge, or a lack of desire to take responsibility for solving a particular issue. 2 points. Lack of necessary food. Each person has his own food and, of course, his list of necessary goods. Since I give up sweet, it will not be a tragedy for me to live a day without chocolate and sugar in tea or coffee. Speaking of baked goods, there should be bread on our table, but if it isn't, it's not a problem either. You can always find a replacement for a particular product, such as putting two eggs and a banana in a muffin dough. 3 points. Railway transport. Low cost of tickets, large and convenient network of routes, saving time and effort when traveling by night express, less chance of delay, more space in the car, not such tight bandwidth control, the ability to take unlimited food and drink - all characterize the advantage of using this transport . My paternal relatives live in Russia. I have traveled with them since childhood, and now I use this transport to travel around Ukraine. The only downside - a long time on the road. 38 points. Military action. War is a disaster that is easy to start and hard to end. Not to list how many innocent people were killed for the sake of peace, how many families were destroyed and how many thoughts were changed. I really enjoyed relaxing with my relatives. I went every summer vacation there, but when the problems of political and socio-cultural relations between Ukraine and Russia began, my trips broke down. I was not released because they were afraid that when I came to Russia I would be taken away and I would not be able to return. My mother began to believe in the news, saying that their country was the best without asking us about the real events in our country. Lately we

have had nothing to talk about and this relationship has come to naught. That's how close people become strangers. 39 points. Surgical intervention. "Previously, magic was confused with medicine, today medicine is confused with magic," says Thomas Sas. Healing is a chance to get on with life, and doctors are the ones who can give it to us. But do you recommend to many who have really studied since their undergraduate years as an expert medical practitioner? Even you will find it difficult to answer this question because, like everyone, you will not be sure of his or her qualifications. Today, to be firmly convinced of your diagnosis, you must visit several public hospitals or one private one. From childhood, I believed that I would be a person who would never fall under the knife, but my belief was destroyed three years ago. I was diagnosed with varicose veins and the only healing was surgery. At that point, I didn't know how happy I was to find this disease in the early stages or cry that it would remain for the rest of my life. The last operation (there were two) I did this winter and I am grateful to the specialists who operated me, because these are people who are in charge of their business. Of course, surgery is always a risk that is difficult to take not only a loved one, but also a surgeon in whose hands is someone else's life. 40 points. Price increase. Money is never enough, and rising prices change the face of human needs. Poor people say that only the rich can live with such prices, but I do not think so. Take, for example, the production of a certain product, with increasing prices, can change the ingredients for cheaper, and thus its quality changes, as well as the demand for it. It is difficult for everyone, but differently. As for me? There are things you can give up and just need, and it takes time to get them.

Repeatedly coming across various facts and articles on social networks, it is often these topics that came to my attention. So I thought it would be urgent to raise these problems and find solutions to them.

Unfortunately, about 1.8 million women are killed every year in Ukraine from domestic violence. These statistics are really impressive. It gets bigger every year ... Unfortunately, this applies not only to adult women, but also to young children who are not known by their parents for guidance, are severely beaten, mutilated and even beaten to death. In fact, this fact is very disturbing, because innocent children are

suffering, who have done nothing horrible in relation to others. The parents of these children intentionally intimidate them into physical violence so that children are not told about their ill-treatment. Moreover, it outrages the indifference of the neighbors who live with these families and remain silent while watching the oppression and harassment of the unhappy baby.

Due to this attitude, the children's psyche also suffers, which in the future is accompanied by the use of alcoholic beverages, drugs, as a result of which children even commit suicide.

Suicide is another extremely important problem that is gaining momentum among today's youth.

Because of parents' indifference, children are left alone with their problems. When seeking out-of-home support, teens get in touch with the companies of the same children, making it difficult for them to understand themselves.

The most common causes of adolescent suicide are: inadequate parenting, indifference and cruelty. The two topics are in fact closely related and a consequence of each other.

Personally, on these topics, I have come to the conclusion that we need to be more attentive to social problems and not leave them unattended, because sometimes it is enough support for a person to feel needed and able to get out of a difficult situation. I also cannot ignore such a topic as natural disasters. It is also a very big and scary problem that arises because of many factors, both human and nature in general. It is much larger and more tragic than previous problems, and it "entails" great losses on the part of mankind.

The effects of natural disasters are also the influence of people who are indifferent to nature, building factories and factories, creating mountains of debris and using fuel, which by its emissions into the atmosphere creates ozone holes, which violate the overall protection of our planet.

There are so many examples of natural disasters that have been repeatedly discussed on television, newspapers and social networks, we all know them well...

But, for some reason, we are making extremely small steps to address these problems, which are only becoming more complicated today.

Again, people's indifference works.

Therefore, it can be concluded that until humans begin to act for the benefit of nature, which in turn will benefit humans, natural disasters will only multiply and act more forcefully against humans.

The work of a student at the National University of Bioresources and Environmental Sciences, Faculty of Law (Prav-1905) Anastasia Voloshchuk

Murders and deliberate damages, I believe, is the most dangerous and harmful factor because it deprives people of their right to life. 39. Nuclear power, because it uses radioactive substances, the radiation from which is a threat to life. The worst part is that a person cannot hear or see radioactive radiation and therefore does not feel threatened. During the use of nuclear reactors, a number of man-made disasters occurred, the largest of which was the Chernobyl disaster. Nuclear energy is a non-renewable energy source - it uses nuclear fuel, mostly uranium, whose reserves are not infinite. An important problem remains the storage of radioactive waste - during the operation of a nuclear reactor it will accumulate a large number of radioactive isotopes with significant half-lives, which will continue to radiate for thousands of years. 38. Electric current - the presence of electric current in conductors leads to their heating, changes in chemical composition, and the creation of a magnetic field. The electrical appliances, installations, and equipment that a person is dealing with present a great danger to them, which is exacerbated by the fact that the senses of the person cannot detect at a distance the presence of electrical voltage, such as heat, light or mechanical energy. Therefore, the protective reaction of the organism is revealed only after direct contact with the electric current. 1. Sports and mass events. In most cases, I think that sports activities are beneficial to people. Danger can be only when the organizers of mass and sports events can not provide law and order in their conduct. 2. Ponds (bathing, resting). The danger can be cold water; muscle fatigue caused by prolonged work without relaxation or continuous swimming in one style; bathing a non-hardened swimmer in low temperature water and more. But in

general, swimming is beneficial for humans. 3. Increasing prices in my opinion can only lead to chaos.

I believe that the three most dangerous factors for life are the presence of radioactive substances in the air, water, soil, radioactive substances in the environment and military events. If we talk about radiation itself, one cannot but mention the Chernobyl accident that occurred on April 26, 1986. It was the biggest environmental disaster to happen at 00 hours. 23 minutes when the reactor of the 4th Chernobyl NPP unit exploded.

Large-scale emission of radioactive dust (including iodine 131, cesium 137, strontium 90) rose to an altitude of 1500 m and was carried by wind to Scandinavia, Central and Southeastern Europe, Northern Italy. The Chernobyl accident has claimed a huge number of lives, and its consequences have been terrible not only for Ukraine but practically for the whole world. The exact number of victims of such a catastrophe cannot be calculated. From the figures that can at least shed some light on these horrific statistics, the following can be distinguished: 1. 250 thousand people were evacuated; 2. 134 people present at the block at the time of the accident received radiation sickness; 3. 28 of them died within a month; 4. 2 people died directly from the explosion; 5. According to various reports, the number of victims of the Chernobyl accident can reach 100 thousand people. The event also affected the environment. Many different animals were affected and most of the trees took on the largest share of radioactive dust emissions during the reactor explosion. Agriculture and industry in Europe have been paralyzed by a shortage of staff and equipment. So there are different situations that can put people's lives in danger or even put them at risk. Considering one of the safe factors, I chose personal problems and concerns, sports and mass events. In my opinion, these factors are safe because they relate to the individual's own life, in which she makes her own choices and solves various problems. One can always ask for advice from someone else, but the choice is always left to her. In my opinion, the most dangerous factors that pose a threat to human life are military action and road transport. Today, Ukraine is going through difficult times in its centuries-old history. The territorial integrity, independence of our state, peace

and tranquility on our land were threatened. Today, many Ukrainian families have experienced the horrific effects of the war, having lost their loved ones. People are deprived of their homes, roofs over their heads. Nearly two million Ukrainians are forced to seek new housing, thousands have died as a result of the armed conflict, and hundreds have been officially reported missing. War is always a grief because it comes with the cost of living. Another dangerous factor for human life is road transport. Unfortunately, the daily media is full of negative news about fatal or serious accidents. Accident today is a rather serious problem that requires careful coverage before the masses, its deep analysis and relevant conclusions. Today, almost everyone in their daily lives uses the means of transportation: for work or study, for business or for traveling. Transportation has become an integral part of human life. In the big cities of Ukraine, accidents over the last 24 hours can reach dozens of cases where serious accidents involve injuries and even death of people, disability, property damage and other unpleasant consequences. Almost 1.7 thousand people died on the roads in seven months. Between January and July 2019, 1688 people died in road accidents in Ukraine. That is, on average, 8 people die every day, every three hours - one person. Because human life is contradictory, in it every individual in one way or another self-determines and asserts itself. There are many conflicts in the life course of a person in order to develop the right behavior in different conflict situations, it is important to know what a conflict is and how people come to terms with themselves, people and society. Knowing the nature and causes of conflicts enhances a culture of communication, makes life more peaceful, and more resilient in psychological and legal terms. It is important that personal problems do not become more global problems. Therefore, it is important to be able to find solutions and the desire to resolve life situations and personal problems and concerns without conflict and constructively.

Statistical evaluation of dangerous and harmful factors for human life (own estimate)

In my opinion, the most dangerous factor for human life is AIDS. It is an infectious disease that is spread across all continents of the Earth and causes tens of

thousands of diseases. The disease spreads with incredible speed. No person is immune to HIV infection. Unfortunately, to date, scientists have not found effective means of preventing AIDS treatment. An analysis of official data shows that Ukraine is ranked 6th in the world in the spread of HIV.

The second factor is murder and willful damage. The results of a study of premeditated murder and bodily harm indicate some stability in key indicators in Ukraine over the past 10 years. The conclusion made earlier by the scientists and practitioners about the predominantly family-life and situational-permissive nature of premeditated murder and grievous bodily harm is confirmed. There is an increasing tendency to increase the risk of violent crimes, increase the severity of their consequences, insolence and unjustified cruelty.

The third most dangerous factor in a person's life is the release of drugs. The use of drugs is addictive, sharp exacerbation of somatic diseases. The addict completely loses the ability to be active. Addiction is accompanied by physiological and mental disorders, leading to complete degradation of the individual. There are significant pathological changes of all organs and systems. The drug user poses a threat to the environment. Statistics show that more than 40% of crimes are committed under the influence of drugs.

In my opinion, the least dangerous factor for life and health is sports and mass events. I cannot fail to note that during these events, people are injured, which, of course, is negative for human health. What can be more dangerous mass events? For example, a football match can be an arena of clashes between fans. As a result, injuries and single deaths. Also during the mass events bombs, provoked clashes between people, explosive devices, poisonous chemicals can be laid. However, mass and sports events are more positive than negative, so they can be safely attributed to the safe factors of people's lives.

Also, I think rail is safe. There are usually conditions under which this type of transport can be dangerous for people. For example, if the train is traveling at high speed and the brake crane is broken at this point, then the passengers will receive

personal injury. But despite some of the negative factors of rail transport, it is still one of the safest modes of transport and the safest for people's lives and health.

In my opinion, the most dangerous and harmful factors for human life are road transport, warfare and narcotics. If you talk about cars, you can say that any vehicle is a source of increased danger. The person who uses the services of vehicles is in This is caused by an accident, catastrophic crashes of trains, planes, cars, etc. In the world, 250,000 people are killed annually as a result of road accidents and approximately 30 times more people are injured. Of course, transport plays a large role in our world, but it has many negative consequences. Therefore, I believe that it is one of the most dangerous factors. The second dangerous factor I have identified is the war. When talking about war, they most often mention the killed, injured, displaced, etc. But there is another horrible consequence: the environment is destroyed, and therefore the health of people and animals that are nearby is bad. drinking water pollution or damaging an industrial property will lead to people's illnesses, and even death, this can bring major economic problems. Third, I identified narcotics. Drug addiction is a horrible phenomenon. According to experts, in the world there are AD 200 million drug (sometimes called an even greater number), and most drug addicts suffer boys and girls aged 15-17 years

Topic. Quantitative and qualitative risk assessment Practical lesson # 1. Statistical Assessment of Hazardous and Harmful Factors for Human Life Essay In Table 1.4. Statistical Evaluation of Hazardous and Harmful Factors for Human Life, the most dangerous factors I have identified are war and natural disasters, and personal problems, concerns and sports, mass events are factors that are not so harmful to human life. Why do I think so? And because war and natural disasters are global problems that threaten large numbers of people. These factors are actually dangerous to human life. As for personal problems, worries, as well as sports and mass events, I do not think that it can be called a dangerous factor for human life. Sports, I generally consider a useful factor for life. Yes, personal problems are a morally dangerous factor, but I cannot attribute them to the factors that I have

identified as the most dangerous. To sum up, I can say that all the factors in this table are to some extent dangerous for human life, but everyone has their own worldview and everyone sees this list differently. Although the first danger factors were difficult to determine, each of these problems is harmful.

In our homework on Life Safety, we were asked to fill out a table of dangerous and harmful factors. In the first place, I have suicide. Nowadays, the mental health problem is quite high. Due to daily stress, family problems, poverty and depression, more and more people are killing themselves every year. Ukraine exceeds the global average by the number of suicides per capita. We ranked in the top twenty in the world by number of suicides, ranking 14th. According to statistics from 2018, one person tries to kill himself every hour. That is why I think this item is very dangerous. Food poisoning is the safest. According to statistics not complete 2017, 15,017 food poisonings were recorded for the whole population. Unfortunately, the poisoning death statistics were not found in the figures. But considering that the first point (suicide) is the death statistics, the issue of poisoning is not so dangerous.

Having looked at the table "Statistical evaluation of dangerous and harmful factors for human life", in which we had to assign an individual assessment of hazards on a scale from 1 to 40 (1 least dangerous, 40 most dangerous). After analyzing all the factors and evaluating, I concluded that some factors could not be added to the table, because in my opinion they pose the least danger to human life, such as "sports events", "personal problems and concerns", "diagnostic radiation». For example, such a factor as "sports mass events", on the contrary, has a beneficial effect on our health and develops our sympathy for a healthy lifestyle; "Personal problems and worries", in my opinion, such a factor as the problem can be solved in many ways, but still it is only my personal opinion, it all depends on the situation, moral and psychological state of the person; the "diagnostic irradiation" factor - scientists have shown that such irradiation has minimal harmful effects on human health, so it is safe. So we can cross out three factors from the table. I have no need to add additional dangerous factors that threaten life and human health. Because, I believe all the factors are already in the table.

In my opinion, the most dangerous factor for a person's life is AIDS - estimated at 40 points. AIDS is a particularly dangerous infectious disease caused by the human immunodeficiency virus and due to the lack of specific methods now leads to death.³⁹ I put alcohol, because alcohol is the most harmful substance of all that a person consumes. Alcohol is a narcotic poison that has a negative effect on the entire human body.³⁸ I put drugs on drugs because drugs destroy the human body and cause addiction. The lowest factors are personal problems and concerns rated at 1 point. Some of us have some difficulties sooner or later. And to overcome them, it is necessary to have very high endurance and willpower. And the main thing is to learn to live with these difficulties, because people are not able to overcome every obstacle on their way. At 2 points I appreciated the sports and mass events. This factor plays an important role in the system of organizing a healthy lifestyle. Sports and mass events are a method of engaging the masses of the population with physical culture and sports, rehabilitation of the organism, increasing physical fitness, nurturing the necessary motor skills and abilities, contributing to increasing the motivation for knowledge by physical culture and sports. Practical Work # 1 Human practice shows that any activity is potentially dangerous. There is always a risk of danger to man. The risk of deaths is increasing every day. In my opinion, terrorist acts may be the most harmful factor. A terrorist act is covered by virtually any unlawful act that threatens public safety: "A terrorist act is the use of weapons, the commission of an explosion, arson or other acts that endanger the life or health of a person or cause significant property damage or the occurrence of others grave consequences, if such actions were taken for the purpose of violation of public security, intimidation of the population, provocation of military conflict. I want to refer to dangerous factors as chemical dangerous factors. Chemical contamination can occur at any stage of the manufacturing and processing process. Chemicals can be useful and specially added to certain products, such as pesticides used in the cultivation of fruits and vegetables. Chemicals are not hazardous if used properly or under control. The potential risk to consumers is increased when the content of chemicals is not controlled or when the recommended standards are exceeded. The presence of a chemical is not always a

hazard. Whether it is dangerous or not depends on its quantity. The toxic effect of some chemicals is only apparent if they are exposed for a long time. I wanted to add to the table more dangerous factors of biological origin. Foods can be threatened by dangerous factors of biological origin. Their source may be raw materials, or they may occur at certain stages of the processing used to produce the final product. It is also possible to add dangerous factors of physical origin. These include any potentially harmful third-party items that are not normally found in foods. Consumption of any foreign material or object by mistake will likely result in shortness of breath, physical injury or other adverse health effects. It is physically dangerous factors that cause consumers to complain most often, because the injury occurs immediately or shortly after eating, and the source of the danger is easily identified. Examples of materials that may pose a physical risk are: Glass, metal, stones - if it enters food, it causes cuts, bleeding, damage to the oral cavity and gastrointestinal tract; surgery may be required to detect or remove it. Therefore, the potential danger of human activity exists both explicitly and hiddenly. It is difficult to predict what could be the cause of injury, death, disease and other dangerous consequences. Awareness of the dangerous and harmful factors for a person's life is only the first step to a safe life. The conditions under which these factors cause undesirable effects should be established and prevented.

The presence of chemicals in the air, water, soil, the presence of radioactive substances in food, the presence of radioactive substances in air, water, soil - all this is a life-threatening factor. All this can be prevented by the purification and humane use of natural resources, the rational use of nuclear power plants (learn the lessons of the future (Chernobyl) and avoid eating unsuspecting food. Food poisoning is a disease caused by foods and beverages that have harmful bacteria, viruses or parasites. To prevent food poisoning 39 Radioactive substances in the environment 32 40 Diseases related to the presence of chemicals in the environment 33 should follow the rules of hygiene and eat fresh food. X Arch poisoning is an important factor because if you eat inappropriate food, you can even die. In my opinion, the number 1 to 5 factor causes harm to a person, namely: unemployment, domestic violence,

poverty , industrial injuries, and alcohol consumption: While some of these factors can usually cause discomfort and problems in people's lives, they are usually not as life-threatening as those presented above.

Essay Life is quite unpredictable and brings with it many situations that can harm a person's health or even life, regardless of his actions. After analyzing forty life-threatening factors, I ranked radioactive radiation in the environment and in food as my first priority. It is no secret that after the accident at the Chernobyl Nuclear Power Plant, the number of oncological diseases has increased significantly. Two members of my family took cancer and I had to watch the disease. Today, scientists are arguing about a genetic predisposition to cancer. Whatever, but death in such anguish is the worst for me. Next I put the murders and intentional damage. I am often forced to return home late at night, and the possibility of an attack, for example, with a view to robbery, is quite likely. In the third place can be attributed car accidents. This is a very common disaster that can happen to anyone at any time, and most often due to carelessness or drunken driving. In my opinion, sports and mass events are the least dangerous. They do not carry dangers, they even develop the population, except for casual injuries inherent in certain sports. But when one agrees to participate in such an event, they know what it is about. Next, I can supply drugs. Yes, this is a very common problem in today's society. I have never used drugs, so I do not consider them to be a dangerous factor, like suicide. This is the most ridiculous step that I would never have taken under any circumstances. There are no unsolved problems that cost more than life. Therefore, we must do everything in our power to avoid dangerous situations not only for ourselves, but also for others. After all, our lives also often depend on other people.

Statistical evaluation of dangerous and harmful factors for human life

I think that from the list of this table you can remove the item (drinking alcohol) because everyone has the right to rest, and everyone rests differently, but with the help of most alcohol. You get me right, I'm not saying that we all need to drink alcohol in large quantities, but from time to time a person rests, taking alcohol. With the help of alcoholic beverages the risk of cardiovascular diseases is reduced, it

gives a psychological relaxation, to get to know a person better, because when a person drinks a small dose of alcohol, he begins to tell the truth and this is a fact. Alcohol can be used to determine which person is temperamental (choleric, sanguine, phlegmatic, melancholic). Conclusion: He who eats correctly, he drinks properly. Provided that the person has a culture of consumption of alcoholic beverages.

One of the important factors for me is that at the moment there is an anti-terrorist operation in the territory of Ukraine, which increases the illicit trafficking and sale of weapons and ammunition and radicals. This can lead to acts of terrorism in the territories of large cities of Ukraine and can affect a large number of civilians. I would also like to single out the dangerous factors associated with the presence of chemicals in the environment. Increases in factories and plants that do not treat production waste in an environmentally friendly way are harmful, and explosions lead to an increase in such harmful chemical elements in the environment. And no one is safe from infection. I consider one of the safest factors to be an increase in prices. This, of course, always brings a wave of negative emotions among the population, but it is not a critical point. You can always give up something expensive and find a cheaper alternative, there are also many ways to save on heating and light using alternative energy sources, many products can be grown by yourself, and constant use of the car on public transport trips that can even save you money, but also time. I can also see personal issues and worries among the non-harmful factors. In some critical cases, this can lead to death. But if a person is able to analyze their own and others' actions, has an adequate view of the world, problems and situations, is not afraid to share with someone and take advice, then everything will end well and will not affect the work, relations with other people.

So I better add to the list of dangerous factors for people wearing low-quality shoes. Poor footwear damages the nail plate health, if the sole has the wrong shape, then the person has a great opportunity to damage the spine, bad smell when you call after a walk, you have a bad mood just because the person called you home, and you do not go because that you know your problem. Conclusion: Poor footwear harms psychologically, physically and morally.

Practical work № 1 Task 2. To conduct, on the basis of sociological approach, to carry out a static assessment of dangerous factors for human life, using a point system. It is worth noting that according to sociologists, among the problems that are most important To accomplish this task is to assess the danger to life of a resident of Ukraine 40 factors, from the most dangerous factor to the least dangerous. In my opinion, the most dangerous factor in this list is military action, followed by national conflicts and terrorism. Unfortunately, today Ukrainians are familiar with the war, national conflict and their aftermath. Also, given the poll "What are the problems of concern to Ukrainians?" Conducted by the Kiev International Institute of Sociology - 67% of Ukrainians are concerned about the war in eastern Ukraine, this choice is obvious. Ukrainians are worried about living standards (54%), economic situation (42%) and Ukraine's security (23%). Why terrorism? Because the results of terrorism are horrendous, devastating and often widespread for both the population and the state as a whole, whether intentional or not. Repeatedly from the TV screens we hear that there was a terrorist attack during a peaceful walk, or a supermarket explosion, or a car blast, and this is all happening in our country, in the XX century, next to us. I believe that the presence of such factors in no way can guarantee a safe life for a person. To the least dangerous I attributed personal problems and worries, and the next factor is food poisoning. If personal problems / anxieties and food poisoning are the result of certain actions and choices of the individual, ie the individual chooses which products to use, how to deal with others, then war, national conflicts, terrorism are the result of the actions of a group of people. Thus, awareness of the seriousness of life-threatening factors is the first step towards overcoming them, but without important decisions preventing the possibility of such situations occurring and overcoming their consequences cannot be achieved. Analyzing the assessment of dangerous and harmful factors in my life Danger is a concept that has many meanings for each of us. We perceive the importance of its factors individually and the fact that for one may be a great danger, for another it will be - one of the last points, which almost does not threaten his life. Due to the fact that the table lists 40 harmful and dangerous factors, I propose to consider the three most and least influential in my life

so far. 40th place is occupied by road transport. Every day, when I get to study, I am a road user. Unfortunately, the sad statistics prove that many people neglect the rules of safety on the road (traffic rules) and even without being a car driver, I risk becoming a participant in an accident. 39th place - hostilities. We live in a country where hostilities take place. A possible option for the deployment of a military conflict will continue to threaten the lives and health of a very large number of people, including myself. Killings and deliberate injuries took the 38th place. Unfortunately, walking through the city or just being in your home can put you in a dangerous situation. For example, several years ago, several cars stopped at my house and a firefight began. It was a risk for me and my family. Everyone can experience such situations and it is truly life-threatening. For the items I have the least influence on, 1 place is taken by drugs. For me, the use of this type of substance is unacceptable, so drugs do not threaten my life. 2nd place - poverty. This aspect is not dangerous to my life and health, as I currently live with normal financial support, and I plan to continue my career and be financially independent. 3rd place - domestic violence. I grow up in a family where there is no type of violence (physical, moral, economic, etc.), further convinced that there will also be no problem with violence, so it does not endanger my life.

Looking through the table of statistical evaluation of dangerous and harmful factors for human life, I made conclusions and gave my points to each of the above harmful factors of life. The first place in my "top" is the concept of "natural disasters". I gave him 40 points because it is a waste of many lives and cannot be protected. You never know when or where it will happen. They happen quite often and bear great damage to society. 2nd place and 39 points I put the item "Military Action". It concerns everyone, it's awful. There is a war in Ukraine, many people are being killed and all this is destroying people's lives, the country's economy. Cities and towns are being destroyed. The third place is occupied by item 21 "Narcotic substances". They are dangerous for life and health, destroying people's lives. They are very common in our country and therefore occupy the 3rd place. The most recent places are: "Sports and Mass Activities", "Personal Problems and Concerns" and

"Unemployment". Personally, I do not consider these factors to be a threat to human life and health. These problems can be anticipated and solved by yourself. Therefore, the examples given are those that pose a serious threat to human life and health, and are those that do not pose a threat to the individual at all.

Essay on "What Factor I Placed in the Table on Pages 12-13" When I was scoring in the Table "Statistical Assessment of Hazardous and Harmful Factors for Human Life", I used the knowledge I gained from the lectures on the discipline "Labor and Life Safety" "And the general knowledge he has acquired throughout his life. The most dangerous harmful factors for human life are: Military actions; natural disasters; murders and intentional injuries; radioactive substances in the environment; poverty; lack of necessary food; unemployment; road transport; national conflicts; terrorism; infectious diseases. These ten Deaths look exactly like this, because in my subjective discretion, these factors alone take away the most human lives in the world. The following are dangerous and harmful factors for human life: The presence of radioactive substances in air, water, soil; the presence of radioactive substances in the diet; the presence of chemicals in the air, water, soil; the presence of chemicals in food; diseases associated with the presence of chemicals in the environment; fires; narcotic substances; smoking; AIDS; suicide. These are the second dozen dangerous factors, because in my subjective discretion they are dangerous and pose a threat to human life every day, but carry less threat than the top ten. Factors that pose a threat to human life include: Nuclear power; consumption of alcoholic beverages; occupational injuries; food poisoning; the use of poor-quality food; domestic injuries; reservoirs (bathing, resting); domestic violence; sports and mass events; diagnostic irradiation. The top ten factors that threaten human life include the factors that are higher, because in my subjective discretion, they are threatening, but not critical. Acceptable harmful factors include: Electromagnetic radiation; electric currents; increase and decrease of atmospheric parameters; Railway transport; medicines; personal problems and concerns; raising prices; surgery; aviation transport. To the fourth dozen factors that can pose a threat to human life, I have included the factors

listed above. In my opinion, these factors are the least dangerous than any other. After all, they are the least affected by people.

In my opinion, any human activity is potentially dangerous. The potential danger of human activity exists both explicitly and implicitly, in the manifestation of its results, which are difficult to predict and which can be the cause of injuries, deaths, diseases, impairment of working capacity and state of health and other dangerous consequences.

Dangerous factors cause, under certain conditions, trauma or sudden deterioration in health (headache, impaired vision, hearing, change in psychological or physical state).

Adverse factors can cause illness or impair a person's performance, both explicitly and covertly.

I attribute the danger of road transport to the production, maintenance and repair of cars, their operation, production of fuel and lubricants, the development and operation of the road transport network, etc. This is a very dangerous factor for humanity. Another very important dangerous factor for cars is the large number of accidents that carry death, serious injuries, fractures, coma.

Domestic violence is often seen as a means of establishing power and inadequate self-assertion. In violence, one feels the fullness of his power (at least "here and now") over the other. Self-affirmation means the desire to increase one's self-esteem, the level of self-esteem, to declare a sense of self-worth, the importance of one's personality to others. Thus, aggressive and violent actions can become for a person a means of overcoming their internal psychological problems, self-doubt, and subjectively felt weakness.

People did not think about how addiction appears. Which of these actions of the disease, which occurs with the psyche and physical condition of the person, her well-being, all depend on the presence of a drug in the body. In its absence, withdrawal syndrome (abstinence) develops - a very severe condition that is accompanied by seizures, severe pain in the muscles and internal organs.

Drugs are especially dangerous in that even a single use of them can lead to drug addiction. Due to the physiological characteristics of the body, adolescent drug addiction (much faster than in adults) develops very quickly. There have been cases where the first drug experiments ended in death.

People who use drugs are much more likely than other people to get HIV because the virus can be transmitted through the blood (using a single syringe for injection by several people), and drugs lead to a loss of control over behavior, since they are highly influential to the brain, the nervous system, and at the same time to self-control.

Under the influence of drugs, nerve cells simply burn. The protective response of the body sharply decreases.

All these factors, in my opinion, are quite dangerous in our daily lives, none of them are insured and everyone can expect it. People should be more cautious about using transport, never taking drugs, and creating conflicts in their families. Perhaps finding a way to prevent these problems will reduce the number of deaths, illnesses and conflicts in the world.

Essay YaotsinilaSNIDA the highest balto thatinfection of viral immunodeficiencyhuman occurs in the case ofinfectedmaterial or mucous membranes, or damaged in the skin of the human. As well as HIV is multiplied by the lymphocytes and other cells of the organism, it contains virtually all biological fluids (blood, lymph, removal of sex organs, semen, urine, tears, saliva, sweat, and at the same time, to be strained, to be dreaded, Automobile transportassessed the39something, which is nowadays more and more accidents, in which Unfortunately, always surviving people. Also majority are played by roads that are inferior to the proper condition. Estimated1Balloqualified an increase in the value of life threatening prices. The personal problem of the problem has given itself an appreciation of 2 points, but I consider it an extraordinary situation that cannot be resolved. Statistical evaluation of dangerous and harmful factors for human life

I believe that the most detrimental to human life are factors such as terrorism, hostilities, and nuclear power.

Terrorism is, in my opinion, the most dangerous thing in the world. These are the international mass killings and devastations that lead to the deaths of a large number of people and great misery for the state.

The next danger on my list is warfare. It has already been proven that there are so many weapons on the globe that it is possible to destroy our planet 5 times. Warfare carries: poverty, hunger, cold, death, devastation, pain. This is the most undesirable phenomenon for to each state.

Next on my list is nuclear power. The inadvertent use of it can lead to a major disaster. An example of this is the Chernobyl Nuclear Power Plant, the effects of which we are still experiencing

After all, there are factors that I think are less dangerous for the environment. In my list, there are price increases, rail and mass sporting events.

Increasing prices in my opinion is the least damaging to the environment. This can result in poor human nutrition and begging, which is the least dangerous of all.

Rail is not completely safe because there can be occasional accidents. But if you follow the rules of conduct in rail, this can be avoided.

Massive sports can sometimes be dangerous because they can hold terrorist attacks, rallies and various actions that can damage a person's life.

Essay on the topic: "Why did I score such points when evaluating dangerous and harmful factors for my life?" 1 point Personal problems and concerns. We are all unique, that is, unique in nature and form. Everyone perceives different life circumstances in their own way and responds to them in their own way. We all have different feelings and emotions, and there are no absolutely right or, conversely, wrong people. There are different situations and different people. There is no problem that cannot be solved, either a lack of life experience or knowledge, or a lack of desire to take responsibility for solving a particular issue. 2 points. Lack of necessary food. Each person has his own food and, of course, his list of necessary goods. Since I give up sweet, it will not be a tragedy for me to live a day without chocolate and sugar in tea or coffee. Speaking of baked goods, there should be bread on our table, but if it isn't, it's not a problem either. You can always find a

replacement for a particular product, such as putting two eggs and a banana in a muffin dough. 3 points. Railway transport. Low cost of tickets, large and convenient network of routes, saving time and effort when traveling by night express, less chance of delay, more space in the car, not such tight bandwidth control, the ability to take unlimited food and drink - all characterize the advantage of using this transport . My paternal relatives live in Russia. I have traveled with them since childhood, and now I use this transport to travel around Ukraine. The only downside - a long time on the road. 38 points. Military action. War is a disaster that is easy to start and hard to end. Not to list how many innocent people were killed for the sake of peace, how many families were destroyed and how many thoughts were changed. I really enjoyed relaxing with my relatives. I went every summer vacation there, but when the problems of political and socio-cultural relations between Ukraine and Russia began, my trips broke down. I was not released because they were afraid that when I came to Russia I would be taken away and I would not be able to return. My mother began to believe in the news, saying that their country was the best without asking us about the real events in our country. Lately we have had nothing to talk about and this relationship has come to naught. That's how close people become strangers. 39 points. Surgical intervention. "Previously, magic was confused with medicine, today medicine is confused with magic," says Thomas Sas. Healing is a chance to get on with life, and doctors are the ones who can give it to us. But do you recommend to many who have really studied since their undergraduate years as an expert medical practitioner? Even you will find it difficult to answer this question because, like everyone, you will not be sure of his or her qualifications. Today, to be firmly convinced of your diagnosis, you must visit several public hospitals or one private one. From childhood, I believed that I would be a person who would never fall under the knife, but my belief was destroyed three years ago. I was diagnosed with varicose veins and the only healing was surgery. At that point, I didn't know how happy I was to find this disease in the early stages or cry that it would remain for the rest of my life. The last operation (there were two) I did this winter and I am grateful to the specialists who operated me, because these are people who are in charge of their

business. Of course, surgery is always a risk that is difficult to take not only a loved one, but also a surgeon in whose hands is someone else's life. 40 points. Price increase. Money is never enough, and rising prices change the face of human needs. Poor people say that only the rich can live with such prices, but I do not think so. Take, for example, the production of a certain product, with increasing prices, can change the ingredients for cheaper, and thus its quality changes, as well as the demand for it. It is difficult for everyone, but differently. As for me? There are things you can give up and just need, and it takes time to get them.

Repeatedly coming across various facts and articles on social networks, it is often these topics that came to my attention. So I thought it would be urgent to raise these problems and find solutions to them.

Unfortunately, about 1.8 million women are killed every year in Ukraine from domestic violence. These statistics are really impressive. It gets bigger every year ... Unfortunately, this applies not only to adult women, but also to young children who are not known by their parents for guidance, are severely beaten, mutilated and even beaten to death. In fact, this fact is very disturbing, because innocent children are suffering, who have done nothing horrible in relation to others. The parents of these children intentionally intimidate them into physical violence so that children are not told about their ill-treatment. Moreover, it outrages the indifference of the neighbors who live with these families and remain silent while watching the oppression and harassment of the unhappy baby.

Due to this attitude, the children's psyche also suffers, which in the future is accompanied by the use of alcoholic beverages, drugs, as a result of which children even commit suicide.

Suicide is another extremely important problem that is gaining momentum among today's youth.

Because of parents' indifference, children are left alone with their problems. When seeking out-of-home support, teens get in touch with the companies of the same children, making it difficult for them to understand themselves.

The most common causes of adolescent suicide are: inadequate parenting, indifference and cruelty. The two topics are in fact closely related and a consequence of each other.

Personally, on these topics, I have come to the conclusion that we need to be more attentive to social problems and not leave them unattended, because sometimes it is enough support for a person to feel needed and able to get out of a difficult situation.

I also cannot ignore such a topic as natural disasters. It is also a very big and scary problem that arises because of many factors, both human and nature in general. It is much larger and more tragic than previous problems, and it "entails" great losses on the part of mankind.

The effects of natural disasters are also the influence of people who are indifferent to nature, building factories and factories, creating mountains of debris and using fuel, which by its emissions into the atmosphere creates ozone holes, which violate the overall protection of our planet. There are so many examples of natural disasters that have been repeatedly discussed on television, newspapers and social networks, we all know them well... But, for some reason, we are making extremely small steps to address these problems, which are only becoming more complicated today.

Again, people's indifference works.

Therefore, it can be concluded that until humans begin to act for the benefit of nature, which in turn will benefit humans, natural disasters will only multiply and act more forcefully against humans.

The work of a student at the National University of Bioresources and Environmental Sciences, Faculty of Law (Prav-1905) Anastasia Voloshchuk

I believe that the most dangerous for our country may be hostilities. This is a direct danger to your own life and health from shelling. The environment becomes unsuitable for existence: dirty rivers, air, burnt forests - lead to increased manifestations of respiratory diseases, all kinds of allergies. AIDS is also dangerous enough. This virus affects special blood cells that are responsible for protecting the

human body against various germs and gradually killing these cells. According to an individual assessment, personal problems and worries are the least harmful factor for a person's life, because they are everyone's business and they never end. There will always be some problems along the way, but they will be resolved over time. The second factor, in my opinion, should be sports and mass events. On the contrary, it adds health to every person and, to some extent, the ability to live for more years. But in the third place I put aviation transport. The modern world, at the moment, has no boundaries in science, which is why the plane is considered the least dangerous transport to travel the world and the fastest way to get to the other end of the world.

For determining the selectivity of attention on the tables Schulte I spent on each of the tables: Determine the average time spent: which according to the test is a good level of attention. 2. Concentration test for '10 words " On an average of 5 attempts, I was able to reproduce 6-7 words, which is a satisfactory result. 3. Test for distribution and switching of attention 4. Test for determining the assessment of switching attention by the method " Red-black table " For 5 min of work on this test, correctly identified 40 letters, which means that my switching of attention is in good levels. 5. Testing and Receiving Memory Inventory Testing According to the 'Receive Information' test, I correctly identified 31 words, indicating that information was received indirectly. 10 minutes after the previous test, I begin to run the 'Memory Involvement' test. In 7 minutes, I count the number of words played (P) = 25, calculated (M) = 4 and subtracted the index of involuntary memory: $MP = (PM) / 32 * 100\% = 65\%$ - this figure is high. Information is better remembered through logical grouping and visual abstractions or relating to one's life. 6. Test "Volume of short-term memory" 'I picked up a test with verbal variants and correctly transcribed 8 words. The numbers turned out to be more difficult, since words can be combined into one story and play them in the right order. Part 2. Passage Online Tests 1. Personality Test As a result of this test, my personality type is Architect, where introvert, intuition, logic, planning and caution prevail. for diagnosis tics of psychological protection mechanisms These tests did not open.

Assessment of dangerous and harmful factors I conducted my assessment of dangerous and harmful factors for human life. At 40 points I rated natural disasters because I have a fear of the elements. As a child, my parents and I were in a storm on the river bank. There was a strong wind, sand and stones flew, then a thunderstorm and showers began, we had nowhere to hide. In such moments little depends on the person, and it is scary. 39 points I put the use of low-quality food. In my life, there have been unpleasant incidents associated with eating poor food, so I am cautious about food quality. 38 points received by road. Ever since I got my driver's license and got behind the wheel of my own car, I realized that the car was a high-risk vehicle for both me and others. So I try to be very careful at the wheel. In 3 points I appreciated reservoirs (bathing, rest), as I do not feel the fear and danger of staying near the reservoir, I swim well in my childhood, I went swimming. I live near the Dnieper River, swimming and relaxing there, my favorite summer activities. 2 points received unemployment. I have chosen a specialty that is in demand. There are many food companies in my area. 1 point received air transport. It is considered the most dangerous, besides I did not use it, so I am not afraid.

I have given the highest rating (40) to military actions as in my opinion they are the most dangerous and harmful factors for human life. This action creates a deeper conflict with the large-scale irreparable consequences. Warfare engenders bloodshed, murders of innocent people, death, violence, a broken psyche, thousands of victims, poverty, economic crisis, devastation, destroyed buildings, cities that have been wiped off the face of the Earth. People are forced to leave their homes, cities, countries, lose loved ones, shed bitter tears, and get nasty life imprints. Everything that has been created for thousands of centuries, years, to which an incredible amount of effort and effort has been applied, is destroyed at one go. I praised (37) a factor such as domestic violence. First of all, I want to say that violence is a crime, and domestic violence is a crime on the part of the person with whom you live and to which you depend to some extent. One person offends another, disregarding his or her rights, and the other person (the victim) in most cases does not protect himself, revenge or ask for help as a result: beatings, violence, shattered psyche, which in the

future may also bear great threat to society, murder, death. I have given a low rating (4) to personal injuries in the way that I believe that in most cases they are caused by a person's inattention. But, of course, they are the result of accidents and deaths. The lowest rating (1) I preferred to put personal problems and worries in the way that I think that most problems the person invents for himself. All the problems in our head. Yes, sometimes personal problems can lead to the formation of complexes or worse, suicides, but keep in mind that there is always a way out. If you wish, your thoughts can be solved, you can solve your own problems, and if you do not manage yourself, there are thousands of methods available now, or you can consult a specialist to help them understand them.

A person's life is full of dangers. Every day we face various threats that we sometimes create on our own.

Having analyzed the dangerous and harmful factors for a person's life, I have identified some basic ones for me. Given the events in Chernobyl, namely the events at the Chernobyl NPP, I placed nuclear power at the forefront of the threats to my life. In the second place is the presence of chemicals in the air and soil, because every day in the atmosphere, the earth, water is released a lethal amount of chemicals that cause various diseases, mutational processes in the human body. And in the third place were the presence of radioactive substances in food, because because of the Chernobyl accident our land still suffers and is purified by the transfer of minerals, and with them radioactive substances into food. In the course of the analysis, I also found several factors that are least dangerous for me and my life. As it turns out, I do not suffer from the water because I almost do not visit them. Also, I am not threatened by the price increase because my parents earn well and I am studying for a wonderful highly qualified specialty. And the last factor is special problems and worries, because they are all solved and because of them care and kill their nerve cells makes no sense. I think it is impossible to live without threats. But analyzing them can reduce their numbers. As an example, start working on dangerous situations that depend on you and that you can still influence.

Ponds (bathing, resting) - for my life the pond is one of the least dangerous factor and the most accessible and convenient. Because I live in the Cherkasy region in Kaniv, which houses the Kaniv Reservoir and the largest river in Ukraine - the Dnieper. Bathing and this way of relaxation is beneficial for life and health. You can also not only swim near the pond, but also consider other types of recreation (sunbathing, reading your favorite literature, moving games both in the water and on the shore) (2) Sports and mass events - this item can be called not only the least dangerous, but the most beneficial to our lives. It is probably my most favorite activity in my life to take part in some events, because it brings a lot of pleasure, new emotions, acquaintances, discovering something new. In every new event you try something new for yourself, so you can find yourself and your sphere to your liking. (3) Medicines - they save our lives and in dangerous situations and moments of life they continue to give us some on a permanent basis and some on a temporary basis. But medicines are different and everyone will have their own opinion someone will refer them to the most dangerous, but for my life and life situations that I have lived and seen that they saved, so for me they are less dangerous and important for life. Of course, it would be great if we didn't know anything about them at all, but unfortunately we can't give them up. (40) Smoking is the most dangerous factor in my life because I am constantly surrounded by people who smoke. Smoking badly and badly affects my life. My dad's family also has such a bad habit, at the age when I went to school I also started to have this habit, but in time I was able to give it up and stop myself, but when I am near people who smoke inside the desire to do so also wakes up. (39) Warfare - before, I never even thought that warfare could be the most dangerous factor in my life, but four years ago this factor disturbed my family. When our military situation escalated in our country, Dad went to the ATO to defend the country, stayed there for two years, so this event was very much reflected in the memory and left a trail that military action is dangerous for every person and his life. People who are completely innocent are suffering through them. (38) Fires - I am in third place because of the negligence of her neighbors because of the negligence of

her neighbors, the entire apartment was burned. Because of that, great troubles, worries and troubles began.

In my opinion, one of the odd and harmful factors for human life is terrorism. Today, there is a tendency to increase the number of acts of terrorism. This is due to social inequality between the population, violation of citizens' rights and freedoms. Also, the speed of the development of terrorist activity is affected by armed conflict, hostilities in the country and the uncertainty of the political situation. Terrorist acts can cause a number of dangerous situations, and in the case of weapons of war, military danger. Terrorist acts can be accompanied by the use of poisonous substances, powerful explosions and other means in the subway, concerts, rallies and other places of great concentration of people. The number of acts of terrorism perpetrated on religious grounds, planned by different sects and extremist groups, should not be forgotten. One of the important factors for me is that at the moment there is an anti-terrorist operation in the territory of Ukraine, which increases the illicit trafficking and sale of weapons and ammunition and radicals. This can lead to acts of terrorism in the territories of large cities of Ukraine and can affect a large number of civilians. I would also like to single out the dangerous factors associated with the presence of chemicals in the environment. Increases in factories and plants that do not treat production waste in an environmentally friendly way are harmful, and explosions lead to an increase in such harmful chemical elements in the environment. And no one is safe from infection. I consider one of the safest factors to be an increase in prices. This, of course, always brings a wave of negative emotions among the population, but it is not a critical point. You can always give up something expensive and find a cheaper alternative, there are also many ways to save on heating and light using alternative energy sources, many products can be grown by yourself, and constant use of the car on public transport trips that can even save you money, but also time. I can also see personal issues and worries among the non-harmful factors. In some critical cases, this can lead to death. But if a person is able to analyze their own and others' actions, has an adequate view of the world, problems and

situations, is not afraid to share with someone and take advice, then everything will end well and will not affect the work, relations with other people.

In my opinion, the most dangerous and harmful factor for human life is the presence of radioactive substances in food. Because currently the presence of radioactive substances in food is increasing rapidly and this has negative consequences for the health and life of the population, even a small amount of radionuclides in the food is dangerous. Radioactive substances contaminate agricultural crops and crops, which can therefore become unfit for human consumption and animal feed. To date, nearly 18 years after the Chernobyl disaster, the most significant and dangerous in terms of radiation and hygiene are radionuclides such as cesium-137 and strontium-90. In the second place in terms of danger and harm, I chose murder and intentional damage, because today it is also the unsolved problem of all mankind. Among these factors, to me, the least dangerous and harmful are price increases and personal problems and worries. I believe that these factors are the least threatening to a person's life

I believe that the most dangerous and harmful factor for human life is road transport. Because millions of people are killed by it in the world, and this figure is not decreasing, only increasing. We cannot protect ourselves from this by 100%. Even if I do not have a car, I can still get into an accident with a motor vehicle. The next factor is hostilities. In my opinion, war takes so many lives and for me, for a person whose country is currently at war, this is one of the most painful factors. Among the less dangerous are the rail and air transport. In my view, this category is not as harmful and dangerous as others and we can prevent the danger by not using these modes of transport.

After assessing life-threatening factors on a scale of "1" to "40", I got the following results: I rated "40" as dangerous as AIDS, because since school years we have been told year after year about this disease dangerous, deadly, and that needs to be taken seriously. And even though we know almost everything about this disease, how it is transmitted and how it develops, but in our time, when society has become more violent and indifferent, we do not know who to trust, to whom or not. Further, I

rated "39", "38", "37" as factors such as terrorism, hostilities, killings and intentional harm. Previously knowing such concepts, I never thought that in my life I will meet them so close. After these 5 years in our country, when during the first months almost every day you think about it not to get worse so that your loved ones are not lost, then you really understand what peace and peace are. That is why in such a situation in our country these factors are one of the most dangerous for me. For safety, for me it is first of all sports and mass events. Since I used to do sports myself, namely running, so sports competitions were normal for me, so this is a safe activity for me. Although there is always excitement before such events, but it is safe because it is a sport, I believe that nothing tragic will happen. In the second place I put the increase or decrease of atmospheric parameters, because now at my age, my body is young and healthy and to some extent still developing, I do not feel any negative impact of this factor on my health. Another factor that is safe for me is road transport, since I am a person responsible for driving a car seriously and cautiously, and because I enjoy this activity and enjoy it, I believe that this type of transport is not a danger to me.

In table 1.4, I ranked the points as follows:

I can justify such an assessment as follows:

Military action, in my opinion, is the most dangerous factor in the list, because it affects all aspects of life of the country and its citizens. Our country is experiencing the threat of this problem, which has affected the lives of every citizen. Military actions affect not only the military, but also the civilian population, who are worth their health, a roof over their heads, peace, or even life.

Terrorism is also a very dangerous factor, because a person's stronger feelings are fear. Terrorism is done to exacerbate people's fears, to make them feel defenseless. This is not a problem of our country, it is a global problem that must be fought with all our might.

Lack of necessary food. In the world, almost half of the population lives below the poverty line. You might think that this is a problem only for the backward countries, but according to 2019 statistics, there are more than 33% of such people in Ukraine. Without the necessary food, the body cannot function properly and live a

full life. Small pensions and wages that are incompatible with utility and food prices are the main cause of this problem.

In our big and dangerous, ever-moving, evolving and changing world, personal problems and anxieties come to the fore. In order to ensure a decent standard of living for themselves and their loved ones, their mental and physical health is neglected. In Japan, death from overwork at work is common, because too little time is left on its own, and a good rest is the key to good results at work and training. People need to pay more attention to their needs and care more about themselves.

Looking through the table of statistical evaluation of dangerous and harmful factors for human life, I made conclusions and gave my points to each of the above harmful factors of life. The first place in my "top" is the concept of "natural disasters". I gave him 40 points because it is a waste of many lives and cannot be protected. You never know when or where it will happen. They happen quite often and bear great damage to society. 2nd place and 39 points I put the item "Military Action". It concerns everyone, it's awful. There is a war in Ukraine, many people are being killed and all this is destroying people's lives, the country's economy. Cities and towns are being destroyed. The third place is occupied by item 21 "Narcotic substances". They are dangerous for life and health, destroying people's lives. They are very common in our country and therefore occupy the 3rd place. The most recent places are: "Sports and Mass Activities", "Personal Problems and Concerns" and "Unemployment". Personally, I do not consider these factors to be a threat to human life and health. These problems can be anticipated and solved by yourself. Therefore, the examples given are those that pose a serious threat to human life and health, and are those that do not pose a threat to the individual at all.

In my opinion, any human activity is potentially dangerous. The potential danger of human activity exists both explicitly and implicitly, in the manifestation of its results, which are difficult to predict and which can be the cause of injuries, deaths, diseases, impairment of working capacity and state of health and other dangerous consequences.

Dangerous factors cause, under certain conditions, trauma or sudden deterioration in health (headache, impaired vision, hearing, change in psychological or physical state).

Adverse factors can cause illness or impair a person's performance, both explicitly and covertly.

I attribute the danger of road transport to the production, maintenance and repair of cars, their operation, production of fuel and lubricants, the development and operation of the road transport network, etc. This is a very dangerous factor for humanity. Another very important dangerous factor for cars is the large number of accidents that carry death, serious injuries, fractures, coma.

Domestic violence is often seen as a means of establishing power and inadequate self-assertion. During the use of violence, a person feels the fullness of his power (at least "here and now") over YaotsinilaSNIDA the highest balto that the infection of the human immunodeficiency of the person occurs in the case of the infected material or the mucous membranes. As well as HIV is multiplied by the lymphocytes and other cells of the organism, it contains virtually all biological fluids (blood, lymph, removal of sex organs, semen, urine, tears, saliva, sweat, and at the same time, to be strained, to be dreaded, Automobile transportassessed the39something, which is nowadays more and more accidents, in which Unfortunately, always surviving people. Alsomajority are played by roads that are inferior to the proper condition. Estimated1Balloqualified an increase in the value of life threatening prices. The personal problem of the problem has given itself an appreciation of 2 points, but I consider it an extraordinary situation that cannot be resolved.

Self-affirmation means the desire to increase one's self-esteem, the level of self-esteem, to declare a sense of self-worth, the importance of one's personality to others. Thus, aggressive and violent actions can become for a person a means of overcoming their internal psychological problems, self-doubt, and subjectively felt weakness.

Analyzing the assessment of dangerous and harmful factors in my life Danger is a concept that has many meanings for each of us. We perceive the importance of its factors individually and the fact that for one may be a great danger, for another it will be - one of the last points, which almost does not threaten his life. Due to the fact that the table lists 40 harmful and dangerous factors, I propose to consider the three most and least influential in my life so far. 40th place is occupied by road transport. Every day, when I get to study, I am a road user. Unfortunately, the sad statistics prove that many people neglect the rules of safety on the road (traffic rules) and even without being a car driver, I risk becoming a participant in an accident. 39th place - hostilities. We live in a country where hostilities take place. A possible option for the deployment of a military conflict will continue to threaten the lives and health of a very large number of people, including myself. Killings and deliberate injuries took the 38th place. Unfortunately, walking through the city or just being in your home can put you in a dangerous situation. For example, several years ago, several cars stopped at my house and a firefight began. It was a risk for me and my family. Everyone can experience such situations and it is truly life-threatening. For the items I have the least influence on, 1 place is taken by drugs. For me, the use of this type of substance is unacceptable, so drugs do not threaten my life. 2nd place - poverty. This aspect is not dangerous to my life and health, as I currently live with normal financial support, and I plan to continue my career and be financially independent. 3rd place - domestic violence. I grow up in a family where there is no type of violence (physical, moral, economic, etc.), further convinced that there will also be no problem with violence, so it does not endanger my life.

When I was scoring in the table “Statistical evaluation of dangerous and harmful factors for human life”, I used the knowledge I gained from the lectures on the discipline “Occupational Safety and Life” and the general knowledge that I gained during my life. The most dangerous harmful factors for human life are: Military actions; natural disasters; murders and intentional injuries; radioactive substances in the environment; poverty; lack of necessary food; unemployment; road transport; national conflicts; terrorism; infectious diseases. These ten Deaths look

exactly like this, because in my subjective discretion, these factors alone take away the most human lives in the world. The following are dangerous and harmful factors for human life: The presence of radioactive substances in air, water, soil; the presence of radioactive substances in the diet; the presence of chemicals in the air, water, soil; the presence of chemicals in food; diseases associated with the presence of chemicals in the environment; fires; narcotic substances; smoking; AIDS; suicide.

These are the second dozen dangerous factors, because in my subjective discretion they are dangerous and pose a threat to human life every day, but carry less threat than the top ten. Factors that pose a threat to human life include: Nuclear power; consumption of alcoholic beverages; occupational injuries; food poisoning; the use of poor-quality food; domestic injuries; reservoirs (bathing, resting); domestic violence; sports and mass events; diagnostic irradiation. The top ten factors that threaten human life include the factors that are higher, because in my subjective discretion, they are threatening, but not critical.

Acceptable harmful factors include: Electromagnetic radiation; electric currents; increase and decrease of atmospheric parameters; Railway transport; medicines; personal problems and concerns; raising prices; surgery; aviation transport. To the fourth dozen factors that can pose a threat to human life, I have included the factors listed above. In my opinion, these factors are the least dangerous than any other. After all, they are the least affected by people.

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"Why did I score such points when evaluating dangerous and harmful factors in my life?" 1 point Personal problems and concerns. We are all unique, that is, unique in nature and form. Everyone perceives different life circumstances in their own way and responds to them in their own way. We all have different feelings and emotions, and there are no absolutely right or, conversely, wrong people. There are different situations and different people. There is no problem that cannot be solved, either a lack of life experience or knowledge, or a lack of desire to take responsibility for solving a particular issue. 2 points. Lack of necessary food. Each person has his own food and, of course, his list of necessary goods. Since I give up sweet, it will not be a tragedy for me to live a day without chocolate and sugar in tea or coffee. Speaking of baked goods, there should be bread on our table, but if it isn't, it's not a problem either. You can always find a replacement for a particular product, such as putting two eggs and a banana in a muffin dough. 3 points. Railway transport. Low cost of tickets, large and convenient network of routes, saving time and effort when traveling by night express, less chance of delay, more space in the car, not such tight bandwidth control, the ability to take unlimited food and drink - all characterize the advantage of using this transport . My paternal relatives live in Russia. I have traveled with them since childhood, and now I use this transport to travel around Ukraine. The only downside - a long time on the road. 38 points. Military action. War is a disaster that is easy to start and hard to end. Not to list how many innocent people were killed for the sake of peace, how many families were destroyed and how many thoughts were changed. I really enjoyed relaxing with my relatives. I went every summer vacation there, but when the problems of political and socio-cultural relations between Ukraine and Russia began, my trips broke down. I was not released because they were afraid that when I came to Russia I would be taken away and I

would not be able to return. My mother began to believe in the news, saying that their country was the best without asking us about the real events in our country. Lately we have had nothing to talk about and this relationship has come to naught. That's how close people become strangers. 39 points. Surgical intervention. "Previously, magic was confused with medicine, today medicine is confused with magic," says Thomas Sas. Healing is a chance to get on with life, and doctors are the ones who can give it to us. But do you recommend to many who have really studied since their undergraduate years as an expert medical practitioner? Even you will find it difficult to answer this question because, like everyone, you will not be sure of his or her qualifications. Today, to be firmly convinced of your diagnosis, you must visit several public hospitals or one private one.

From childhood, I believed that I would be a person who would never fall under the knife, but my belief was destroyed three years ago. I was diagnosed with varicose veins and the only healing was surgery. At that point, I didn't know how happy I was to find this disease in the early stages or cry that it would remain for the rest of my life. The last operation (there were two) I did this winter and I am grateful to the specialists who operated me, because these are people who are in charge of their business. Of course, surgery is always a risk that is difficult to take not only a loved one, but also a surgeon in whose hands is someone else's life. 40 points. Price increase. Money is never enough, and rising prices change the face of human needs. Poor people say that only the rich can live with such prices, but I do not think so. Take, for example, the production of a certain product, with increasing prices, can change the ingredients for cheaper, and thus its quality changes, as well as the demand for it. It is difficult for everyone, but differently. As for me? There are things you can give up and just need, and it takes time to get them.

I believe that the most detrimental to human life are factors such as terrorism, hostilities, and nuclear power.

Terrorism is, in my opinion, the most dangerous thing in the world. These are the international mass killings and devastations that lead to the deaths of a large number of people and great misery for the state.

The next danger on my list is warfare. It has already been proven that there are so many weapons on the globe that it is possible to destroy our planet 5 times. Warfare carries: poverty, hunger, cold, death, devastation, pain. This is the most undesirable phenomenon for to each state.

Next on my list is nuclear power. The inadvertent use of it can lead to a major disaster. An example of this is the Chernobyl Nuclear Power Plant, the effects of which we are still experiencing

After all, there are factors that I think are less dangerous for the environment. In my list, there are price increases, rail and mass sporting events.

Increasing prices in my opinion is the least damaging to the environment. This can result in poor human nutrition and begging, which is the least dangerous of all.

Rail is not completely safe because there can be occasional accidents. But if you follow the rules of conduct in rail, this can be avoided.

Massive sports can sometimes be dangerous because they can hold terrorist attacks, rallies and various actions that can damage a person's life.

Individual assessment of dangerous and harmful factors for human life I believe that the most dangerous factors for me are: 5) Air transport: I believe that it is the safest way of transportation today. 4) Narcotic substances; I do not consider this a threat to myself, because there is never anything 3) Smoking; from the above I did not use and do not intend. The only 2) Use of alcoholic beverages; the chance that they can do to me schools is if they spill / add without my knowledge. 1) Suicide: I find it "safest by individual assessment" because I value my life too much to cause it. It just depends on me and my decisions. Therefore, I am sure that suicide is not a threat to me. In my opinion, the most dangerous for me are: 40) Terrorism Given the political and economic situation in the country, 39) The hostilities, I believe that today is the most dangerous for 38) Natural disasters, because you do not know what time and in 37) Infectious diseases can be found and how it will affect you. 36) Murder and Willful Damage 35) Fire

Assessing the dangerous and harmful factors for human life, I summarized: First of all, each of the items carries some danger, and for each level of danger is

different, for someone it is a trifle, and for someone it is the "end of the world". Personally, I may be most at risk of murder and willful injury. I have repeatedly witnessed violence on the streets. I think a group of people with guns can cause irreparable damage to my health, or even kill it. Less dangerous, but equally important is the danger of electric shock.

Torn power lines or a socket in a dorm room is likely to cause irreparable damage to my life. A swim in the pond can be dangerous for me because I can get tired quickly and sink in the middle of the pond if it is deep enough and has a current. I have also identified the least dangerous factors that most likely will not threaten me. Drinking alcohol is not a problem for me because I do not drink any type of alcohol. Being a person with a nervous system and very stress tolerant, I am not a suicide threat. The last item is smoking, as I have never smoked, and I do not plan on doing so.

Comparing the risks and dangers of road transport, sports and mass events, personal anxieties and problems, domestic violence, surgery and the presence of chemicals in food, I would place them in the order from the most dangerous to the less dangerous:

the presence of chemicals in food;

surgery;

the dangers of road transport;

domestic violence;

personal concerns and problems;

dangers at sports and mass events.

The production of most modern foods without nutritional supplements is impossible. For example, the dietary supplement sodium benzoate (E211), which, when consumed excessively, can lead to digestive disorders, is widely used in the production of carbonated beverages, sauces, ketchups, and confectioners.

So preservatives can be dangerous to health if consumed, but to refuse to use them in the food industry, at least in the manufacture of some products, is very difficult. In the Ukrainian legislation the sphere of use of food additives is regulated

in accordance with the law "On Food Safety and Quality", and the control over the production and use of food additives is vested in the State Sanitary and Epidemiological Service of Ukraine and the Ministry of Health.

However, it should be noted that no effective mechanism for comprehensive control over the production and use of food additives has been established in Ukraine today. The current system only allows for selective checks on some producers, which does not allow a complete picture of the volume of use of food additives in Ukraine and their compliance with the list approved by the Cabinet of Ministers.

In my opinion, we must minimize the risks of the use of chemicals in food:

- You can not buy food in places of unauthorized trade, as well as produce handicraft;
- When purchasing food, you should always carefully study the composition of the product. Remember that manufacturers do not always properly label products, often being ashamed to add their "E" codes to the names of food additives, which is a direct violation of current national standards;
- When buying products, you should avoid those that contain bright colors. First of all, this concerns sweet drinks as well as cheap confectionery. Also remember that some synthetic dyes are particularly dangerous for children;
- products containing preservatives should not be abused, but it is best to abandon them altogether by replacing them with similar preservative-free products;
- The use of products containing sugar substitutes such as potassium acesulfame (E 950), aspartame (E 951), sodium cyclamate (E 952), saccharin (E 954) should be avoided. These supplements are usually found in cheap sugary drinks and chewing gum. Most sugar substitutes are harmful to health, especially children.

However, when choosing food, you should still prefer products made by yourself. This will minimize the use of nutritional supplements and, therefore, reduce the risks associated with their consumption. It should also be remembered that only complete, balanced and healthy nutrition is a true guarantee of health and wellness.

Providing a person with any type of medical care means interfering with his or her life and health. Obtaining the patient's consent to surgery or any other medical

intervention is the exercise of his or her constitutional right to personal integrity and, if the patient gives such consent, it means that he / she has deliberately decided that the operation or any other intervention is necessary to preserve his health and life. In all cases, interventions in the field of human health by healthcare providers in the provision of medical care, researchers in carrying out medical and biological experiments are characterized by elements of novelty, risk and danger for the patient. Therefore, in order to ensure the rights of the patient, it is necessary, among other factors, to have a proper legal framework in the field of health care that meets international legal standards and that creates conditions for the realization of the state's guaranteed rights to life, health and privacy. .

From the legislative definition of the analyzed concept, one of the conditions for the implementation of medical intervention, namely, the impossibility of harming the health of the patient, follows. In my opinion, the procedure of registration and consent, as well as the refusal of intervention, require legislative consolidation (for example, the Medical Code of Ukraine).

Domestic violence

According to the Law on Prevention of Domestic Violence, domestic violence is any intentional act of physical, sexual, psychological or economic nature of one family member in relation to another, if these actions violate the rights and freedoms of a family member as a person and a citizen, do him moral harm, damage to his physical or mental health.

The law also defines four forms of violence:

physical,

psychological,

sexual

economic.

Sometimes it is not easy to distinguish violence (especially psychological) from conflict situations, disputes that arise in each family and do not pose a threat to the further development of a healthy relationship.

Consequently, conflict is a clash of opposing interests and views, tension and extreme aggravation of contradictions, which can lead to active actions, complications, struggles, accompanied by complex conflicts. The conflict does not contain the above features. Escalating conflict can lead to violence, but it does not always lead to violence. In my opinion, domestic violence is unacceptable, conflicts should not escalate into violence.

Transport hazards (accidents and accidents)

The need for transport in our time is undeniable. Vehicles have a great positive impact on the economy of the country, create convenience and comfort for people. The development of transport, enhancing its role in people's lives, is accompanied not only by the positive effect, but also by the negative consequences, in particular, the high level of vehicle accident and road accidents (road accidents). Road transport. In the world, 250,000 people are killed annually as a result of an accident and approximately 30 times more are injured.

The Law of Ukraine "On Traffic" defines the legal and social bases of traffic in order to protect the life and health of citizens, to create safe and comfortable conditions for road users and to protect the environment.

As a result of an accident in Ukraine, 5-6 thousand people are killed annually and more than 4 thousand are injured.

In my opinion, the causes of road accidents are violations of traffic rules, and technical malfunctions of cars, speeding, lack of training of people driving cars, insufficient response. Drivers and passengers may encounter poor road conditions, open sewer hatches, unlit sections of road undergoing repairs, and the absence of hazard warning signs.

I am sure that if you observe the rules and duties of participants of mass and sports events, the dangers can be avoided

1. Participants of mass sporting event have the right to:

1) pass to a sports facility in the presence of documents that give the right of passage;

2) use all the services provided by the organizers and the administration of the facilities;

2. Participants of mass sporting event are obliged to:

1) observe the provisions on holding a mass sporting event, rules of conduct for participants in conducting a mass sporting event;

2) prevent actions that provoke viewers to violate law and order and public safety;

3) to prevent other activities that create danger for others;

4) fulfill the legal requirements of the employees of the administration of the objects, the organizers of the event, the persons who participate in ensuring the order of holding a mass sporting event, law and order and public safety;

5) to present to the representatives of the organizer, the administration of the object documents giving the right to enter a mass sporting event, as well as a pass for the entry of motor transport into the territory of the place of the mass sporting event, if this is provided by the procedure of its holding;

6) immediately notify the organizer, the administration of the facility and the law enforcement agencies of cases of detection of suspicious objects, things, hostage and all cases of smoke or fire;

7) when receiving evacuation information, act in accordance with the instructions of the facility administration, organizers and law enforcement officers, keeping calm and not creating panic.

Personal problems and concerns

For most people, a sense of security is associated with daily problems and hourly concerns, and is not based on the threat of global catastrophes or international conflicts. Protecting a home, workplace, sex, health, environment are the main problems of human health. Hence the personal need for security: from bullying and crime, protection from ill-considered political actions and ineffective management decisions. Therefore, the sense of security has an individual touch, on the one hand it depends on the level of social and spiritual development of the individual, on the other hand - on the cultural situation and social order.

Freedom and protection are essential components of security (UN). The concept addresses freedom in three main areas: freedom from fear, freedom from poverty and freedom from creativity.

In my opinion, the most dangerous and harmful factor for human life is the presence of radioactive substances in food. Because currently the presence of radioactive substances in food is increasing rapidly and this has negative consequences for the health and life of the population, even a small amount of radionuclides in the food is dangerous. Radioactive substances contaminate agricultural crops and crops, which can therefore become unfit for human consumption and animal feed. To date, nearly 18 years after the Chernobyl disaster, the most significant and dangerous in terms of radiation and hygiene are radionuclides such as cesium-137 and strontium-90. In the second place in terms of danger and harm, I chose murder and intentional damage, because today it is also the unsolved problem of all mankind. Among these factors, to me, the least dangerous and harmful are price increases and personal problems and worries. I believe that these factors are the least threatening to a person's life.

On the basis of social approach, she conducted an individual static assessment of dangerous factors for human life, using a point system and made certain conclusions. I chose military action as the most dangerous factor, which estimated at 40 points. I don't want to talk about such terrible things, but the war that started in April 2014 continues. Almost every day in the media (Ukrainian and foreign) there are reports of shelling, wounded and killed. The war led to the loss of territories of Ukraine, a military confrontation in the east, when, after Russia's occupation of Ukrainian Crimea, an armed confrontation began in Donbas between the Russian hybridic forces and the Armed Forces of Ukraine. Today's armed conflict has claimed the lives of many. In fact, a civil war may indeed begin. In my opinion, war poses the greatest threat to people, not only to those who are in hot spots. It has touched each of us, and if left unchecked, people will continue to die, protecting the country and fighting for a better life for their families. In 39 points, she estimated the killings and intentional injuries.

Every now and then, there are more and more news stories about the maniacs who brutally kill city dwellers in public; young people's companies cause conflicts and, under the influence of alcohol, punish others, leading to sometimes unwanted, even grave consequences. Residents of the city live in constant fear. For the least dangerous factors, I gave a score of 1 to personal problems and concerns. Because we can solve personal problems without harming ourselves and others. She rated sports and mass events at 2 points, because in my opinion sports events are useful for people, they make them stronger in spirit and body, and mass events involve participating, not being indifferent, being aware of all events.

Essay on "Statistical Assessment of Hazardous and Harmful Factors for Human Life" In February 2019, 1,498 new cases of HIV were officially registered in Ukraine, 713 patients were diagnosed with AIDS, and 296 died of AIDS, and AIDS ranked 40 in my nameplate. Why? Because there are many avenues of infection and you never know where trouble may occur. Whether at the dentist, or at the session with the tattoo master ... 39 place - road transport. Reviewing statistics on road accidents published by the National Police Patrol Department, it turned out that since the beginning of the year there were 86.7 thousand accidents in Ukraine. That is, on average, every day - 409 or one accident every 3-4 minutes. In the capital alone in 7 months there were 22,4 thousand road accidents. Compared to last year, the figures increased by 8-12%. (main reasons: violation of crossing rules; non-observance of safe distance; speeding; drunk driving). Yes, and as many of my friends were involved in road accidents with different consequences, that is why it gave 39 place to road transport. 1 and 2 place in the plate I gave "Sports and mass events" and "poverty" If at 1 I do not see any danger at all, then at the expense of the second I think that in the modern world even the capital will not find a job so that it cannot provide itself just lazy. The main desire and desire to achieve something!

According to the Schulte table, the definition of selectivity of attention is at a good level, since the average time spent on a task was 30.6. And from the concentration test I have a satisfactory result. The distribution and switching of attention is not at a very good level, but it gives me the motivation to improve the

results. According to the methodology of the Red and Black Table, I have 41 points, that is, the assessment of switching attention is good for me. Getting information is effective. I also remember the words well, according to the short-term memory test. My personality type is a logistician, where the mind is more introverted than extraverted, and energy is more realistic than intuitive. My IQ is average, ie 92 points. According to the Lusher test, I have a willingness to experience, a need for satisfaction and a need for self-affirmation. I am afraid of loneliness and frustration, I need to dominate. I make demands on the people I intend to communicate with so that I will not be disappointed afterwards. I have a protest position. I have a sensual relationship without intimacy with others, I think that I am not respected enough, but I want to be valued and respected more. I have an average anxiety level of 8 out of 10. The second danger in my opinion is a factor such as the use of poor quality food. In the former USSR countries, since the 1990s, the phenomenon of counterfeit goods has remained. On the shelves of our stores about 30% of the products are counterfeit and this statistics is really shocking. Under the guise of milk, butter, cereals, we sometimes buy low-quality products, which is a great danger. Many products also have elements that are unhelpful to our health, including emulsifiers, palm oil, flavor enhancers and odors. All this has a negative impact on our health and, in my opinion, is a great danger.

Another danger factor is Narcotic Substances. It is a fact that after the collapse of the USSR, the former republics became the largest drug users in the country. All drugs came to Russia and Ukraine from Tajikistan, Mongolia, Turkmenistan and other countries in the east. Unfortunately, this trend has continued to this day, but on a much smaller scale. However, drug addiction and drug use in general are urgent problems in our country, which is why I consider it the 3rd most dangerous factor.

AIDS in my opinion is the 4th most dangerous factor. As mentioned above, in the 1990s, Ukraine was covered by alcohol and drug addiction, and AIDS was not considered a serious problem in our country at that time. Poverty, unprotected sex, drug use with a single syringe and banal ignorance and lack of awareness have fatally impacted the situation, creating a real social catastrophe among different sections of

the population. Ukraine has the worst AIDS situation in Europe and is in fact the largest focus on AIDS in Europe. Official figures show that 1.5% of people aged 15 to 24 are HIV-positive. UNAIDS estimates that 2% of people in Ukraine are AIDS-infected.

Consider suicide to be the fifth factor of danger. Unfortunately, suicide is very common in Ukraine. In 2009, our country ranked 13th in the ranking of suicides in countries around the world. The level and number of suicides is strongly influenced by the political, social, economic and usually personal situation. But in fact, suicide practices are very common in our country. This means that more people should be treated more closely, and the country should practice suicide prevention.

Statistical evaluation of dangerous and harmful factors for human life

Factor	Score
Domestic violence	1 point
Smoking	2 points
Alcohol consumption	3 points
Drugs	4 points
Suicide	5 points
Presence of radioactive substances in air, water and soil	35 points
Presence of chemicals in air, water and soil	36 points
Infectious diseases	37 points
Food poisoning	38 points
Road transport	39 points
Increase and decrease of atmospheric parameters	40 points

Environmental issues are currently a major problem around the world and Ukraine is no exception. Unfortunately, no concrete steps are being taken to address this, and people have to hope that environmental issues roblemy MKO our country side. Since I often buy fast food (which is one that is doubtful), I consider food poisoning quite possible for me. Road transport is a major threat to Ukrainians. Looking at the number of crashes made by cars, you can go head to head, because the numbers are scary.

The highest factor 40 I put this is military action because in our country this factor has now taken away and continues to take away lives and leave families without family and children without parents and disabled people. Military action can have very great consequences for humanity, looking at the history of any state where there were battles of war, and so on, no one can ever count the consequences of all lives lost on the planet, and these are very, very large numbers. Therefore, I believe that in my opinion this should be the highest dangerous factor. From 39 to 30 I set out also important factors for human life such as: Road transport, radioactive substances in the environment, homicides and willful damage, natural disasters and the like.... From 2 to 10 I have listed in my opinion the factors that are less threatening to the person or rarely occur in the land such as: personal injury, poverty, electromagnetic radiation, water bathing vacations, rail transport, air transport in my opinion, these factors are less threatening to the person. 2 The lowest factor 1 in my opinion is unemployment because it is entirely dependent on the person. I consider this factor the lowest because an unemployed person cannot provide himself with anything at all, and for humanity, he does not threaten anything. The person has the right to choose how he wants to live his life and how and how to provide him with different interests and positions for each person to live and stay in society. In the course of practical work # 1 I was assigned dangerous and harmful factors on points from 1 to 40. I set the highest points (35-40): military actions, terrorism, deliberate killings because during such actions, one dies and is injured a lot of people, everything that has been built up over the years is destroyed, the state and the population suffer great losses. I distributed 34-30 points for radioactive and chemical substances as well as for natural disasters as radioactive and chemical substances are already in the environment and adversely affect the same environment and human health, and natural disasters also cause great damage. and even take many lives. I divided scores 29-10 between the various factors that a person can manage by himself at a subconscious level, such as personal injury, AIDS, suicide, smoking, drugs, food poisoning, reservoirs, drinking alcohol. They do not cause great damage to the state, only for themselves, their health and life. I divided the points 9-1 into factors that are

not accompanied by large losses and are the least common, such as unemployment, poverty, the use of poor-quality food, and rising prices. I also included nuclear power in this category, despite the terrible accidents that have happened in the past. At present, nuclear power is quite safe, and this security is increased every year. Today I want to consider the most dangerous and harmful factors for human life. The most dangerous thing I think is the use of low-quality food, because I like to eat fast food or chips. One of the most dangerous, I think is road transport, because my father often drives very fast and dangerous. And since I go with him very often, I consider it one of the most dangerous factors. In 38th place I put the railway because I get to the university, and since I go during rush hour, there are many people there and everyone is hustling. I gave the 37th a killer because we live in Ukraine and it is not safe to walk in the evening, I was recently in a very dangerous situation when I was threatened with murder in a nightclub, so I put the murder in the 37th place. I consider suicide the least dangerous because I love my relatives and consider myself a strong person. In my opinion, only the weak will be able to commit suicide, to escape from all problems, not to fight them. In second and third place, I put price increases and poverty. Because these are the factors that can be overcome more easily than others. You just have to work hard and keep your hands low. And in the fourth place I chose unemployment because, I believe, that you can always find a job, maybe not with such a good salary as you would like, but you can find

Each person feels the danger intuitively and understands the importance of his or her own. If you evaluate the dangerous and harmful factors for a person's life by individual opinion, then, of course, the estimates will differ. Probably, like some other people, I will always be more concerned about problems of a more personal nature than problems of a more global nature, so factors such as "air transport", "price increases", "smoking", "radioactive substances" will be less risky for me than others. Because the risk in these situations is a very small percentage that is unlikely to happen to me, or the impact or bad consequences will not cause me. Some other factors such as "suicide", "violence", "AIDS" can also be attributed to this, but I cannot do it because the first factor that happened to my acquaintance, it influenced,

in my own life, so as well as the second factor. Everyone knows that AIDS is a big risk, it can happen to every person, even if they are not even aware of it for the first time. That is why I have given one of the biggest estimates to this factor. In general, every difficult or difficult situation always carries a certain risk, in different situations it can be either very high (excessive) or very low (acceptable).

Identified for myself dangerous and harmful factors for human life. On the 40th place, as the most important I chose military action, and I consider it a very relevant topic now for Ukraine, the more it touched me, because I am from Mariupol Donetsk region. I saw shells flying from the cities, and survived it when the shelling of the Eastern neighborhood in 2015 was over. At the 39th place, I put it in nuclear power, because I believe that the fault of most cancer is nuclear power. The Chernobyl nuclear explosion occurred in 1986, but even now people are experiencing the consequences, because it is not that far from Kiev, and the radiation levels in recent hours have not decreased. At 38, I chose food poisoning because I find this topic very relevant nowadays, because of the production of poor quality food. Every year, people use a variety of supplements that replace the taste of natural foods, which is why food poisoning is relevant to me to this day. In 37th place I put AIDS because it is very important nowadays. 100 years ago, people did not even know that such a disease existed, but now every year people with this disease are growing exponentially, so we can not raise this important topic.

I also chose for myself 4 different factors that I consider to be less dangerous to myself. In the 4th place, I chose poverty, because I think it is for everyone. In my opinion, a truly poor person can be considered only when he has neither a purpose in life nor a favorite work that brings him pleasure. I have all these elements, so I am quite sure that poverty does not await me in this life, at least in spiritual terms. I placed domestic violence in 3rd place. In my family, careful attention is paid to moral values and love, so it does not threaten me. For many, this is really a problem, but I was lucky to get around. On the 2nd place I put drugs and on the 1st place smoking. In all my 17 years, I have never tried different drugs and never smoked in my life. For me, this is a principle that I will not change, regardless of any circumstances in

my life. I believe that people who smoke and consume drugs are spoiling their health and are one step closer to death, so this is a futile exercise that is not worth my attention.

Statistical evaluation of dangerous and harmful factors for human life There are many unsafe and harmful factors around us. Anything can be a factor for a person, from the slippery steps and ending with a robber who is capable of murder for money or something of value. For me, the safest factors are: 1. Domestic violence 2. Unemployment 3. Poverty 4. Smoking Why did I put them in the first place? Let's start with domestic violence. For me, this factor is irrelevant because there is nothing like this in my family. I have second place unemployment because I consider myself a person who will always find a way out of any situation. And I also find a job for myself, because I can do a lot. Having read the previous sentences, I think you understand why poverty is also not terrible for me. Smoking is also not a terrible factor for me, because I have never liked this bad habit and I still do not understand the meaning of smoking. And these are the factors that I think are most dangerous: 37. Terrorism 38. Murders and deliberate injuries 39. AIDS 40. Road transport I believe that these factors are the most dangerous because we are not safe from them. Terrorism can happen on the same subway (in which most of us travel every day) at any time and it is not up to us. So is murder, AIDS and road transport. Walking down the street you cannot be safe from being robbed and killed. Of course, these are not frequent occurrences, but they are dangerous because it may not depend on us and we cannot control it. And car accidents are even a very common case, especially in a big city. Here is my statistical estimate of the dangerous and harmful factors for human life. Essay on "Statistical Evaluation of Hazardous and Harmful Factors for Human Life" The potential danger of human activity exists both explicitly and hiddenly, in the manifestation of its results, which are difficult to predict and which can cause traumas, deaths, diseases, impairment of working capacity and state of health. and other dangerous consequences. In my opinion, one of the most dangerous factors for human life is radioactive substances in the environment. Radioactive substances enter the body with dust, air, food or water and behave differently: some substances are

distributed evenly in the human body, some accumulate in the bones, others remain in the muscles, accumulate in the thyroid gland, liver, kidneys, spleen and the like. This can lead to illness or even death. I believe that the safest factor for a person's life is personal problems and worries. Because a person can solve them on their own without any help or loss. Therefore, it is necessary to establish the conditions under which these factors cause undesirable effects and to prevent such conditions from occurring. I believe that the most dangerous factor in human life is nuclear power, because radioactive substances have a very negative effect on human health and have fatal consequences. The time of decomposition of substances is tens of years, which has a negative impact on the environment. Even more harmful factors, I would like to include Acquired Immunodeficiency Syndrome (AIDS), because this virus takes the lives of hundreds of people by destroying their immune system. Most people do not experience any symptoms after being infected with the virus.

To the less harmful factors, I attributed sports and mass activities, because these activities in most cases have a positive effect on people's lives, involving them in a healthy lifestyle. In my opinion, personal problems and worries are not dangerous because everyone is able to solve them. The lowest ratings to sports and mass events, the presence of chemicals in food, and the presence of radioactive substances in food because I care about my health and do not consume harmful food. With the highest score of 40 I rated a dangerous factor such as unemployment. The problem of unemployment is a key issue not only in Ukraine, but in the whole modern world, and if it is not solved, it is impossible to establish effective economic activity and the unemployment rate will rise continuously. As the main cause of unemployment is the imbalance of labor supply and demand, this is why an active policy should be implemented in the country, consisting of measures aimed at: - increasing the demand for labor from the public and private sectors of the economy; - increasing the competitiveness of the workforce and ensuring the matching of workforce and jobs; - improvement of the employment process [6, p. 32]. The main directions of overcoming unemployment in Ukraine can be distinguished: improving the well-being of the population at the expense of personal labor contribution,

entrepreneurship and business activity; providing appropriate unemployment assistance, job retention and retraining for jobless persons; thorough pension reform; promotion of comprehensive state protection of the intellectual potential of society; holding special job fairs for educational institutions for the purpose of employment of graduates; broadening the experience of organizing meetings with employers and former unemployed people who have successfully found a job or started a business; strengthening the coordination of international activities in the area of information exchange on employment; ensuring stable funding and state support for the development of the spiritual sphere, science, culture, education. With the highest score of 40 I rated a dangerous factor such as unemployment. The problem of unemployment is a key issue not only in Ukraine, but in the whole modern world, and if it is not solved, it is impossible to establish effective economic activity and the unemployment rate will rise continuously. As the main cause of unemployment is the imbalance of labor supply and demand, this is why an active policy should be implemented in the country, consisting of measures aimed at: - increasing the demand for labor from the public and private sectors of the economy; - increasing the competitiveness of the workforce and ensuring the matching of workforce and jobs; - improvement of the employment process. Having made a statistical assessment of the dangerous and harmful factors for human life, I concluded. Some factors from this table I could exclude among them are sports and mass events, personal problems and worries, reservoirs (bathing, rest). All these factors do not pose any threat to human health and life. Some of them, on the contrary, encourage people to have a healthy lifestyle, to do sports, and so on. But there are some factors that I would like to include in this table are the low level of health care that leads to a sharp type of illness, the influence of atmospheric pressure that can cause co-morbidity, and the atmospheric pressure affects the condition of people who have arthritis illnesses. and arthritis.

I believe that the most dangerous for our country may be hostilities. This is a direct danger to your own life and health from shelling. The environment becomes unsuitable for existence: dirty rivers, air, burnt forests - lead to increased

manifestations of respiratory diseases, all kinds of allergies. AIDS is also dangerous enough. This virus affects special blood cells that are responsible for protecting the human body against various germs and gradually killing these cells. According to an individual assessment, personal problems and worries are the least harmful factor for a person's life, because they are everyone's business and they never end. There will always be some problems along the way, but they will be resolved over time. The second factor, in my opinion, should be sports and mass events. On the contrary, it adds health to every person and, to some extent, the ability to live for more years. But in the third place I put aviation transport. The modern world, at the moment, has no boundaries in science, which is why the plane is considered the least dangerous transport to travel the world and the fastest way to get to the other end of the world.

In the course of the practical task, I have selected the 3 worst-of-life citizens of Ukraine, the factor that poses the greatest threat to us. The first critical factor, which is rated at 40 points, was selected as "Military Action". The second, with a score of 39 points "Terrorism". And the third "Radioactive Substances in the Environment" at 38 points. I believe that the military actions lead, in addition to the most obvious consequences such as: the destruction of homes, general destruction and poverty, even before the economic collapse of the state of the country, threatening the environment, worsening social conditions.

In times of war, the government focuses on such pressing issues as financing the army, housing refugees and providing medical assistance to the wounded. But the worst consequence is the massacre of people. Terrorism is also a factor in the negative effects of which people perish, which is unacceptable. In the first place there must always be human life, so these are the 2 most dangerous factors. Radioactive substances in the environment are also a major threat to the public. First, it is a high risk of a mutation in the human body, or the development of cancer. Secondly, in the reproductive system, women may have mutations that cause a baby to be born with certain physical and mental illnesses. Now, many children are born inferior, as emissions of radioactive substances increase every year. The safest factor is sports and mass events. On the contrary, they make our leisure activities useful, promote

physical health, and guarantee a great mood. Another safe factor is aviation. According to statistics for 100 million miles, 0.6 people are killed. An average of 1 million flights per aviation adventure occurs. And the third safe factor is personal problems and worries. After all, personal worries are not total problems, such as natural disasters or war that cause people to die, they can always be solved.

Everyone thinks there are different levels of dangers and factors for their lives. Everyone has their own opinion about assessing a dangerous situation that will be detrimental to their existence in this world. In my opinion, one of the safest factors offered is aviation. How can I justify this? Of course, a person chooses what kind of transport to travel, and it is only after a failed flight that 99% of people die. They die not of their own volition, but the most important thing is that during a catastrophe, a person cannot save himself knowing that in a few seconds he will die. It is in flight we are not sure what this flight will be like. And of course, there are also positive factors to this vehicle - it is usually time-saving and convenient. Another dangerous factor is AIDS or HIV. The largest amount of the virus is found in the blood. That is why its transfusion from an HIV-positive donor almost always leads to infection of the recipient. It is also dangerous to inject blood products or use contaminated blood with medical equipment. However, it is not only the hospital that can acquire HIV with blood. There are many situations in which one person's blood may get on the damaged skin or mucous membranes of others: in particular, when sharing toothbrushes, shaving blades, and combs, tattoos and piercings if they are made in handicraft conditions.

Manicures and pedicures can also be risky. This is another factor through which a person may suffer unintentionally, without even knowing for a certain period of time. Nature is not an unforeseen component of our lives. During natural emergencies, many people also die, sometimes even when dead do not find their bodies. In this case, one person also cannot stop the mortality. Emergencies such as earthquakes, floods, landslides, mudslides, storms, hurricanes, snow drifts, forest fires have killed more than three million people in the last 20 years alone. According to the UN, nearly one billion inhabitants of our planet have suffered natural disasters

during this period. Another very important detrimental factor is nuclear power. Nuclear power plants emit radionuclides that have a carcinogenic effect that can cause cancer. This does not require an accident - nuclear power plants emit these substances during their daily work. Radiation can seem pure only because we do not see it, we can neither feel it nor touch it. But this does not mean that it is not released from nuclear power plants and other facilities of the nuclear industry and does not have a negative effect on human health. If one considers the life-threatening factors, but not as tragic as those discussed above, one of them may be personal problems and concerns. Each of us has difficulties in life, and it is not necessary to attribute it to critical dangers. When this problem is not life-threatening, you can only find the right solution. There are often situations where you are turned away from loved ones or those you were so sure of, and that only tempers you for life. In order to achieve this goal, one must fight and especially fight for life. Everyone supports their physical fitness. And everyone is likely to get the wrong situation, but this is not comparable to what could happen in an emergency due to natural conditions. Of course, if you follow the rules, then you will not have any of the troubles, and participation will be fun and more. Unemployment is not a critical situation for life. It is during this time that you can focus on your health and find a prestigious job. Unemployment is possible even when you are ill for more than a certain period of time, so it is worth concentrating and responsibly treating your health. Also, it is only a period that a person can always change only at will, and not ask about the weather.

The problems of humanity do not allow thinking and intelligent people to live peacefully. In the first place (№ 40) of my statistical assessment of dangerous and harmful factors for human life I will put the problem of AIDS. There is such a problem around the world when people, through their own ignorance, become infected with the disease. Some patients with VIL do not have the ability to afford to spend money on expensive medicines that make them feel as if they were without VIL. If these are big cities, some volunteers and even the country can help. But in small cities, this problem is very acute because of the lack of medication, people are

launching their HIV into AIDS, which is virtually impossible to keep stable, with mortality increasing.

I raised the problem of the presence of chemicals in food. In our country, there are not very good products on the supermarket shelves. This happens because the manufacturer tries to get the most walrus, while adding preservatives, palm oil to the food, which then negatively affect the health of citizens.

I mentioned the problem of suicide. They happen very often because of unhappy love, because of lack of money, loans. In my opinion, more attention should be paid to this, for example, to consult psychologists and psychiatrists. This is more often the case with teenagers, as an under-formed personality due to the fact that his or her girlfriend or boyfriend has left, will begin to lay hands on it.

I have identified national conflicts. I find this not very important, because each person perceives the world differently. If you hold liberalist views, or you like to study Marxism, it does not make you or the person who is interested in it bad.

I chose surgery. Many people do not like their appearance because we are not able to choose it. I can still perceive those people doing plastic surgery as a result of injuries or through the wrong part of the body. During any surgery, one should consciously choose a normal doctor, because due to corruption in our country, not everyone has a real specialist diploma.

I mentioned the problem of high prices. Due to rapid progress and high oil prices, prices have started to increase in recent years. In my opinion, if a person will consciously spend their own money on everything they need, then they will be able to save, and as a result of higher prices in the future, they will not need money

Statistical evaluation of dangerous and harmful factors I have read and performed a statistical evaluation of dangerous and harmful factors for human life. I have made individual assessments by my own criteria. "Kills and deliberate damages", "suicide", "terrorism", "hostilities", "fires" I consider the most dangerous for my life. In view of the situation in our country, I decided that such factors are very dangerous. It is also these factors that scare me the most and are most threatening and likely to die. I find the "price increases", "Electricity" and

"Unemployment" the least life-threatening. Because in my opinion you can find a way out of these situations. You can grow vegetables and fruits and eat. You can save on food and eat natural fruits and vegetables. And the likelihood of dying from electric current is very low. I reflected on the assessment of dangerous and harmful habits, starting from my own life experience and taking into account my life situations.

In my opinion, the most dangerous factors in a person's life are war, nuclear power and AIDS. It is these factors that affect the lives of not only one nation, but of the whole of humanity. One of the most dangerous factors is military action, because they bring a large amount of losses. At present, we are aware of all this, because since 2014 there has been a military conflict on the territory of Ukraine, started by Russian troops in the territory of the Ukrainian Donbass. Ukrainians give their lives for their home country, but there are those who are not aware of the extent of this tragedy. Nuclear power is considered to be a dangerous factor. Such stations cause the emergence of radioactive waste, which is dangerous to human life. Radiation affects the thyroid gland and affects the immune system. air is an unregulated amount of radiation. This is a threat to all humanity, because we have had this practice since the Chernobyl accident.

AIDS is another dangerous factor. I chose this disease because the cure for it has not yet been found, that is, the disease is incurable at present. Among the safest factors listed are personal problems and worries, unemployment and poverty. I believe that personal problems and worries do not affect human health very much, because we can cope with them ourselves and this does not cause us much harm. Unemployment can be overcome by our own skills and desires. Poverty, in turn, can be to overcome the desire to work, the interest in something and the wobble. So, analyzing the statistics of dangerous and harmful factors for human life, we can say that, in most, the person is self-harming, but do not think about it. This includes the use of alcohol, smoking and drug addiction. we protect our health.

Statistical Assessment of Hazardous and Harmful Factors for Human Life On a 40-point rating scale, in my opinion, smoking is the least threatening to me (1 point).

I am categorically negative about this habit and even find it difficult to be in a place where others smoke. Second place (2 points) is occupied by narcotic substances. In light of the above, smoking is not acceptable for me at all. Third place (3 points) is suicide. I don't think I'm capable of it. Even if she wanted to, I had too little courage to do so. Fourth place (4 points) - sports and mass events. I rarely go to big events. More often than not (almost always) I prefer to stay home, as I am quiet and peaceful. In my opinion, the biggest threat (40 points) to me is murder and intentional harm. In today's world, no one is immune to this and anyone can do it. Slightly less threatened (39 points) are fires. They can happen as a result of many factors. This can be caused by human activity and natural disasters. 38 points - infectious diseases. Every day, more and more of them can get sick. 37 points - medicines. More and more medicines are forging or producing substandard ones. Therefore, they can pose a threat to life and health. Essay Humanity's problems do not allow thinking and intelligent people to live peacefully. In the first place (№ 40) of my statistical assessment of dangerous and harmful factors for human life I will put the problem of AIDS. There is such a problem around the world when people, through their own ignorance, become infected with the disease. Some patients with VIL do not have the ability to afford to spend money on expensive medicines that make them feel as if they were without VIL. If these are big cities, some volunteers and even the country can help. But in small cities, this problem is very acute because of the lack of medication, people are launching their HIV into AIDS, which is virtually impossible to keep stable, with mortality increasing. Under No. 39, I raised the problem of the presence of chemicals in food. In our country, there are not very good products on the supermarket shelves. This happens because the manufacturer tries to get the most walrus, while adding preservatives, palm oil to the food, which then negatively affect the health of citizens. Under No. 38, I mentioned the problem of suicide. They happen very often because of unhappy love, because of lack of money, loans. In my opinion, more attention should be paid to this, for example, to consult psychologists and psychiatrists. This is more often the case with teenagers, as an under-formed personality due to the fact that his or her girlfriend or boyfriend has left, will begin to lay hands on it. Under # 1,

I have identified national conflicts. I find this not very important, because each person perceives the world differently. If you hold liberalist views, or you like to study Marxism, it does not make you or the person who is interested in it bad. Under # 2, I chose surgery. Many people do not like their appearance because we are not able to choose it. I can still perceive those people doing plastic surgery as a result of injuries or through the wrong part of the body. During any surgery, one should consciously choose a normal doctor, because due to corruption in our country, not everyone has a real specialist diploma.

Under # 3, I mentioned the problem of high prices. Due to rapid progress and high oil prices, prices have started to increase in recent years. In my opinion, if a person consciously spends their own money on everything they need, they will be able to save, and as a result of higher prices in the future, they will not need money.

In my opinion, the most dangerous factor is the use of alcohol. I think so for a number of reasons. First, it is scientifically proven that alcohol has a very destructive effect on the nervous system, the heart system and the human brain. I have given the highest level of danger to this factor because alcohol is very common and very affordable. The problem is that in many countries beer and vodka are cheaper than books and sports equipment. Alcoholism, unfortunately, is widespread both among young people and adults, and is of a large scale.

The second danger in my opinion is a factor such as the use of poor quality food. In the former USSR countries, since the 1990s, the phenomenon of counterfeit goods has remained. On the shelves of our stores about 30% of the products are counterfeit and this statistics is really shocking. Under the guise of milk, butter, cereals, we sometimes buy low-quality products, which poses a great danger. Many products also have elements that are unhelpful to our health, including emulsifiers, palm oil, flavor enhancers and odors. All this has a negative impact on our health and, in my opinion, is a great danger.

Another danger factor is Narcotic Substances. It is a fact that after the collapse of the USSR, the former republics became the largest drug users in the country. All drugs came to Russia and Ukraine from Tajikistan, Mongolia, Turkmenistan and

other countries in the east. Unfortunately, this trend has continued to this day, but on a much smaller scale. However, drug addiction and drug use in general are urgent problems in our country, which is why I consider it the 3rd most dangerous factor.

As mentioned above, in the 1990s, Ukraine was covered by alcohol and drug addiction, and AIDS was not considered a serious problem in our country at that time. Poverty, unprotected sex, drug use with a single syringe, and banal ignorance and lack of awareness have fatally affected the situation, creating a real social catastrophe among different sections of the population. Ukraine has the worst AIDS situation in Europe and is in fact the largest focus on AIDS in Europe. Official figures show that 1.5% of people aged 15 to 24 are HIV-positive. UNAIDS estimates that 2% of people in Ukraine are AIDS-infected.

Unfortunately, suicide is very common in Ukraine. In 2009, our country ranked 13th in the ranking of suicides in countries around the world. The level and number of suicides is strongly influenced by the political, social, economic and usually personal situation. But in fact, suicide practices are very common in our country. This means that more people should be treated more closely, and the country should practice suicide prevention.

Statistical evaluation of dangerous and harmful factors for human life Factors with the lowest individual score Domestic violence - 1 point Smoking - 2 points Alcohol consumption - 3 points Drugs - 4 points Suicide - 5 points Domestic violence is one of the worst phenomena in life for everyone. It is from people close to you that you expect support and care, and it is very bad if you do not receive it. Smoking, drinking alcohol and drugs is a taboo for me, because first I play sports and secondly I don't see it in that sense. The desire for suicide is inherent in a person who has been abused in any form that has no friends because of the whims of a character and the person who uses drugs. At the moment I am completely satisfied with my life so I do not consider suicide a threat to me. Highest Individual Score Factors Presence of radioactive substances in air, water and soil - 35 points Presence of chemicals in air, water and soil - 36 points Infectious diseases - 37 points Food poisoning - 38 points Road transport - 39 points Increase and decrease of atmospheric parameters 40 points

Environmental issues are currently a major problem around the world and Ukraine is no exception. Unfortunately, no concrete steps are being taken to solve this problem and people have to hope that environmental issues roblemy MKO our country side. Since I often buy fast food (which is one that is doubtful), I consider food poisoning quite possible for me. Road transport is a major threat to Ukrainians.

Topic. Quantitative and qualitative hazard assessment.

Practical class No.1. Statistical evaluation of dangerous and harmful factors for human life

Objective. To become familiar with the general concepts of risk - quantitative assessment of risks; learn to identify the different types, levels and categories of risk, as well as statistical evaluation of dangerous and harmful factors for human life.

Task:

1. Defining the types, levels, various categories of risk situations (part 1).
2. Statistical evaluation of dangerous and harmful factors for human life (part 2).

Part 1.

General provisions

1.1.General assessment and characteristics of hazards

The result of a display of the dangers are the accidents, disasters. They are accompanied by deaths, reduced life expectancy, damage to human health or the environment, etc.

Consequences or quantification of damages, caused by the danger, depend on many factors, such as the number of people, located in the danger zone, the quantity and quality of material values placed there, natural resources, perspective areas, etc.

In order to standardize any consequences are defined as damage. Each individual kind of damage has its own quantitative determination. For example, the number of dead, wounded or diseased, the area of infected territory, the area of forest that had burned, the cost of destroyed buildings, etc. The most versatile method of

quantitative determination of an injury is valuable; hence, its establishment in monetary equivalent.

Another, not less important characteristic of a danger, more specifically, the level of possible hazard, is the frequency with which it can occur, or the **risk**:

Risk (R) is defined as the ratio of the number of events with undesirable consequences (n) to the maximum of their number (N) for a specific period of time

$$R = \frac{n}{N}$$

The given formula allows you to calculate the size of the total and group risk. While assessing the *total risk*, value N determines the maximum number of the events, and while assessing *group risk* - the maximum number of events in a particular group, selected from the total number according to a particular feature. In particular, the group may include people belonging to the same profession, age and sex; group can comprise of vehicles of the same type; one class of economic activity [1].

Tasks for independent work.

Example 1: The town is a residence to 35 thousand of people. There operates a chemical plant, which employs 3,000 people. An accident occurred - 67 people wounded; 5 - died; poisoned by the chemical vapor 140 residents. Calculate the total and the group risk of the affected people.

Example 2. In the farm, which owns 800 hectares of forest, a fire occurred. 45 hectares of forest were burned. Calculate the total and group risk of the occurred event. (Total forest area in Ukraine - 9.6 million ha; in the Kyiv region - 800 thousand ha).

1.2. Levels and categories of hazards

To determine the seriousness of the hazards, there are different criteria. Categories of the hazards' seriousness presented in Table 1.1, establish a quantitative value of the relative seriousness of the possible consequences of hazardous conditions. The application of categories of the hazards' is very useful for

determining the relative importance of taking preventive measures to ensure life safety. For example, a situation, belonging to the category I (catastrophic hazard), requires more attention than those, categorized IV (minor hazard).

1.1. Criteria for hazards’ seriousness

Type of hazard	Category	Description of an accident
Catastrophic	I	Death or destruction of the system
Critical	II	Serious injury, sustained disease
Limited	III	Minor trauma, shorttime disease
Insignificant	IV	Less significant injuries, disease than those categorized III

1.2. Levels of hazard probability

Type	Level	Description of the consequences
Frequent	A	High chances are that the event will be held
Probable	B	It may happen several times during a lifetime
Probable	C	Sometimes it can occur during a lifetime
Remoted	D	It is an unlikely, but possible event
Impossible	E	So much unlikely that it can be assumed that the hazard will never occur

The levels of hazard probability is a qualitative reflection of the relative probability that undesired event, which is a result of uneliminated or uncontrollable hazard. Based on the high probability of hazard of any system, we can come to a conclusion concerning specific types of activity. Therefore, using both methodologies for determining the likelihood and seriousness of the hazard, the hazards can be determined, assigned to a certain class and solved, as based on the seriousness of the hazards’ potentially possible consequences, if any occur.

1.3. The concept of reasonable (acceptable) risk

According to the degree of risk acceptability is rejected, affordable, maximum allowable and excessive.

1. Rejected risk level is so small that it is within the tolerance of the natural (background) level.

2. An acceptable risk is considered the one that society can accept (allow, permit), including technical, economic and social opportunities at this stage of development.

3. Maximum allowable risk is a maximum risk, which should not be exceeded despite the expected result.

4. Excessive risk is characterized by exceptionally high level, which in most cases leads to negative consequences. Rejected risk today is also impossible to be provided due to the lack of technical and economic prerequisites for this. Therefore, modern life safety concept is based on achieving a reasonable (acceptable) risk.

It is easy to see that a serious hazard may be acceptable if its probability is very low, as well as the probable event can be proved that its result is insignificant. These considerations give reasons to believe that the probability of the hazard risk is inversely proportional to its seriousness.

1.3. Risk Assessment Matrix

The frequency with which an event occurs	Hazard category			
	I. Catastrophic	II. Critical	III. Limited	IV. Insignificant
(A) Often	1A	2A	3A	4A
(B) Probably	1B	2B	3B	4B
(C) From time to time	1C	2C	3C	4C
(D) Remoted	1D	2D	3D	4D
(E) Impossible	1E	2E	3E	4E
Hazard risk index				
Risk classification	Risk criteria			
1A, 1B, 1C, 2A, 2B, 3A	Unacceptable (excessive)			
1D, 2C, 2D, 3B, 3C	Undesirable (the maximum allowable)			
1E, 2E, 3D, 3E, 4A, 4B	The permissible with verification (acceptable)			
4C, 4D, 4E	The permissible without verification (neglected)			

Table 1.3 shows an example of the hazard risk matrix, which includes elements of tables 1.1 and 1.2 in order to provide an effective tool for approximating the acceptable and unacceptable levels of risk or probability for each category of seriousness and probability, to deeper classify and assess the risk according to its degree. The use of this matrix facilitates the assessment of risk.

Tasks for independent work.

Example 1. Carbon monoxide caused three people poisoned. Owing to the timely assistance provided people could be rescued. Determine the category of seriousness of hazard.

Example 2. The collision of aircrafts in the air. Identify classification and criteria for this event according to the hazards risk.

Example 3. Define the risk level of person's crossing the road on a red light.

Example 4. Identify risk from lightning hitting a person.

Example 5. Car accident on the road. 2 people died, 3 injured. Calculate the total and group risk and identify the classification and criteria of the event according to the hazards risk index (based on the statistics, in 2010 4,7 thousand people died, 40 thousand were injured on the roads of Ukraine).

Example 6. Calculate the numerical value of the total risk of household accidents with fatal consequences. According to the statistics, in 2010 73111 people died in the domestic sphere in Ukraine. Identify classification and criteria of this dangerous situation according to the hazards risk index.

Part 2

Task. On the basis of sociological approach, conduct statistical evaluation of hazards to human life, using a point scale system.

Students are offered to assess the hazard to a life of a resident of Ukraine of 35 factors listed in Table 1.4, according to the following scale: the most dangerous factor (according to the students' opinion) is estimated at 35 points, and then 34, 33, 32 and until the last one, which is considered the least dangerous – 1 point.

Of course, having unequal life experiences, students assess the hazard of a factor differently, hence, the obtained results should be statistically processed. Each factor is calculated with the number of points provided by the students, that amount is divided by the number of students surveyed and the obtained value is the average rating of a danger factor: the higher it is, the more dangerous the factor is. Central hazard assessment of j- factor of \hat{S}_j is defined by the formula

$$\hat{S}_j = \frac{\sum_{i=1}^n S_{ij}}{n},$$

where S_{ij} are individual assessments of the students for j factor, n - the number of students surveyed. If we assume that the factors listed include all dhazards to a human life, we can also assess the relative proportion (percentage) of each factor q_j in the total number of undesirable consequences according to the formula

$$q_j = \frac{S_{ij}}{630} \times 100 = \frac{\hat{S}_j}{6,30}, \%$$

The results are put in Table 1.4.

1.4. Statistical evaluation of hazards and harmful factors for human life

#	Factors	Individual assessment, S_i	The average assessment, S_j	The relative share q_j
1	2	3	4	5
1	Air transport			
2	Automobile transport			
3	Nuclear energy			
4	Unemployment			
5	Consumption of alcoholic drinks			
6	Industrial injuries			
7	The use of low-quality food			
8	Lack of necessary food products			
9	Killings and intentional injury			
10	Ponds (swimming, rest)			
11	Diagnostic radiation			
12	Electric current			
13	Railway transport			
14	Infections			
15	Smoking			
16	Medicines			
17	Narcotic substances			

18	National conflicts			
19	The presence of radioactive substances in the air, water, soil			
20	The presence of radioactive substances in food products			
21	The presence of chemicals in air, water, soil			
22	The presence of chemicals in food products			
23	Domestic injury			
24	Increase of prices			
25	Fires			
26	Suicide			
27	AIDS			
28	Sports and mass events			
29	Natural disasters			
30	Personal issues and concerns			
31	Terrorism			
32	Food poisoning			
33	Surgery			
34	Diseases associated with the presence of radioactive substances in the environment			
35	Diseases associated with the presence of chemicals in the environment			

To sum up, we note that the accuracy of this assessment increases with the number of respondents, depending on occupation, age and gender of the person.

Forecast of possible increase of life expectancy under the conditions of elimination of certain causes of death makes it possible to identify the most dangerous factors for life. According to the forecast of scientists, the elimination of the key cardio - vascular and renal diseases will increase life expectancy to 10.9 years, heart disease - 5.9 years, malignancies - 2.3 years, accidents (excluding automobile accidents) - 0.6 years, automobile accidents - 0.6 years, infectious diseases - 0.2 years, tuberculosis - 0.1 years.

It is important to note that the awareness of the existence of dangerous and harmful factors for human life is only the first step to a secure life. It is necessary to establish the conditions under which these factors cause unwanted effects and avert the possibility of these conditions.

Topic 2. Natural hazards.

Defining the level of meteosenstivity of a human

Objective. Learn how to define the level of influence of the weather on human activity and get acquainted with the activities and means of prevention of meteotropic reactions.

Tasks:

1. Learn basic information about the dependence of state of health and working capacity on the weather and meteorological factors.
2. Define the level of weather pathogenicity and its irritant effect, assess the impact of complex weather and meteorological factors on the human organism (task 1).
3. Provide assessment of the own meteosenstivity (task 2).
4. Define individual meteosenstivity (task 3).
5. Analyze findings and give recommendations for prevention meteotropic reactions.

Terms

1. Dependence of state of health and working capacity on the weather and meteorological factors.

The weather is a physical state of the atmosphere that occurs under the influence of solar radiation and circulation processes in the atmosphere and the underlying surface. The weather is a holistic formation of the nature, complex interaction of the weather and meteorological factors.

The weather and meteorological factors include temperature, atmospheric pressure, humidity, cloud amount, precipitations, wind, as well as electric state of the atmosphere. A special place is given to the changes of the electromagnetic field of the Earth - magnetic storms.

: Establishment of basic factors which negatively influence on the state of natural and agrarian екосистем of Hungary and Ukraine, scientific обґрунтування measures on their permanent functioning and development, increase of productivity of agricultural cultures, receipt of high-quality and safe products of feed, rational use

and guard of natural resources on condition of observance of regulations, decisions, standards and rules of EC.

Research industry is the guard of natural environment, agriculture.

Underestimation, and quite often complete ignoring of laws of development of nature and society, became reason of distribution of деградаційних processes in natural and agrarian екосистемах, that in the turn resulted in the considerable decline of productivity of agricultural production and worsening of quality of agricultural product. For today both in the conditions of Ukraine and in the conditions of Hungary, the row of negative factors influences on natural and agrarian екосистеми, in that number industrial and agricultural activity. The negative influencing of agricultural activity, above all things, is tied-up with the use of imperfect technologies or violation of certain technological processes. An agricultural product in modern terms turns out for the uses of агротехнологій, which foresee applications of pesticides, fertilizers, regulators of growth and other measures which can be reason of worsening of the state of environment and quality of agricultural product. Coming it from, the leadthroughs of analysis of dangerous factors are basic principles of guard of environment and control system by quality and unconcern of agricultural product at all stages, beginning from the evaluation of the ecological state of агроекосистеми (грунт, water, air, біота), separate technological operations of growing of agricultural to the cult (pesticides, fertilizers, меліоранти and other) and to the eventual consumption. For this purpose it is necessary to determine the ecological risks on all stages of процесу and to take measures in relation to their monitoring, to the control and removal.

Signed the institute of агроекології of УААН and Tessedik Sőmuel College Faculty of Agricultural Water and Environmental Management in 2004 agreement about the collaboration in industry of ecological researches, which was realized in the form of exchange by information (conferences, scientific publications), consultations and mutual exchange by researches workers, harmonization of methodological approaches. The noted agreement was extended in 2007 with confirmation of aims and clarification of tasks of commons researches.

Development of methodology of estimation of natural and антропогенних factors which straight influence on natural and агроєкосистемами, and mediated - on quality and safety of agricultural product, is the priority theme of researches both for Ukrainian and for the Hungarian side. The study of influencing of the noted factors in forming of the ecological state of natural and агроєкосистем will enable to perfect the system of monitoring of their basic constituents, reduce антропогенний pressure on an environment, обґрунтувати effective recommendations to the agricultural producers in relation to the assured receipt of high-quality and safe food stuffs.

It is foreseen to execute a project in 2 stages.

During *the first stage (January is December, 2009)* will be carried out:

- clarification and concordance of tasks and objects of commons researches, acquaintance of sides with the terms of leadthrough of researches in Hungary and Ukraine;

- determination of basic антропогенних factors which influence on the ecological state of natural and agrarian екосистем of Hungary and Ukraine;

- development of structure of monitoring on the state екосистем for the terms of Hungary and Ukraine; book-mark of trial points of monitoring, selection and analysis of standards ґрунту and plants;

it is determination of the ecological risks related to technologies of growing of agricultural cultures in the conditions of Hungary and Ukraine;

- creation of general bank of these results of researches in relation to the ecological state of natural and аграрних екосистем and quality of agricultural product taking into account different природно-кліматичних terms and influencing of антропогенних factors;

- working out the annual totals of implementation of project.

During *the second stage (January is December, 2010)* will be conducted:

- continuation of monitoring researches of natural and agrarian екосистем forming of data bank;

- determination of basic ecological risks, inherent for the terms of Hungary and Ukraine, which negatively influence on the state environment and quality and safety of agricultural product;

- creation of the system of criteria and indexes, after which it is expedient to conduct the preventive ecological estimation of the state of natural, agrarian екосистем and technologies of receipt of agricultural product for determination of their strength security;

- development of recommendations in relation to monitoring and ecological estimation of concrete agricultural territories on which it is possible to get the high-quality products of plant-grower on condition of the minimum negative антропогенного influencing, найбільш complete use of bioclimatic potential and adapted to the concrete ground-climatic terms and sorts of agricultural plants proof to the negative factors, use of агротехнологій with minimum application of matters which can reduce quality of products (pesticides, agrochemicals, physiological active matters and others like that).

- working out the totals of implementation of project and preparation of recommendations to introduction in production.

Perfection of the system of monitoring of natural and агро- resources is the task of commons researches (грунтів, water, air, біоти). A major natural resource is ґрунт, from quality of which both quality of the plants reared on him and unconcern of plant-grower products depends. Ґрунтові terms concerne, mainly, by external factors (natural and антропогенними). That is why it is very important to have exact information ґрунт, constantly to check up him in order if necessary to apply adequate ґрунтоохоронні measures.

Quantitative and high-quality determination of external factors, development and introduction of the adequate constantly operating monitoring systems, determination of weight of factors of influencing, collection and estimation of information, is the purpose of researches. Introduction of results of researches will enable to get products, that will respond to request standards and rules of ЄС, there will be the quality and safety of food products guarantee, will be instrumental in the

improvement of the state of natural environment. In addition, choice of the best агротехнологій, обґрунтування and introduction of rational land-tenure will provide steady development of natural and агроєкосистем.

At implementation of project it will be drawn on previous developments of Institute of агроєкології of УААН in relation to the обґрунтування system of the агроєкологічного monitoring in different ground-climatic areas, criteria and norms for the complex ecological evaluation of агроландшафтів, methodical approaches to the ecological estimation of агротехнологій and internalss of products, experience, in relation to the informative providing of the агроєкологічного monitoring, in particular, forming of databases.

In that time, it is foreseen to use theoretical and practical experience of the Hungarian specialists in relation to a guard ґрунтів and informative system of monitoring, methods of selection, analysis and estimation for providing of the protracted permanent functioning of агроєкосистем. The special attention will be spared to the aspects of improvement of quality of plant-grower products (both green crops and intended for the consumption by a man) in accordance with rules and decisions of ЄС, safe for the natural environment of application of fertilizers and pesticides, unexhausting use of natural and агро- resources.

Expected economic results: perfection and introduction of the system of monitoring of component natural and agrarian екосистем will give possibility in number and high-quality to multiply production of products of food, decrease the volumes of application of pesticides and agrochemicals, reduce production costs due to introduction ecologically safe and economic advantageous агротехнологій.

Possible social results: diminishing of amount of illnesses, off-grade food, increase of production volumes of safe food, decline of volumes of the use of pesticides which negatively influence on a natural environment and health of people stuffs caused by the consumption.

Ways of introduction of results: publications of results of researches from development of the system of monitoring ґрунтів, introduction of the system of

consultations to the agricultural producers in relation to the receipt of food products that will answer the world standards of quality and safety.

In addition, an important role in shaping the weather is played by the circulation processes in the atmosphere arising with a temperature difference of the Earth's surface at different latitudes, and among continents and oceans. The temperature difference in high and low troposphere layers and Earth's rotation that deflects airstream are reflected on the weather and are of great importance.

Airstreams interact while moving,. Limits of distribution of air masses, especially where there are changes in the weather factors, called fronts. There are arctic, polar and tropical fronts. There are also cold fronts, warm and occluded front. Front occlusion is a complex front, which is formed by closing of the cold and warm fronts.

The frontal activity is related to non-periodic variability of the daily temperatures, cloudy and rainy days prevail. The electrical properties of the atmosphere also change. The front zone with low pressure is called cyclone. Zone with the increased pressure is anticyclone. All these weather phenomena can cause dramatic changes in the human organism.

The nature of the impact on a human is classified by the reactions to the weather and meteorological factors that occur in the body. Depending on favorable or unfavorable effects on the human organism the weather from zero (completely comfortable weather) to a five-point (extremely uncomfortable) are distinguished.

Comfortable type of the weather is between 4 to 36%, and unfavorable from 32 to 48% of the number of days in a year.

Now the connection between fluctuations of the weather conditions and the emergence of adverse reactions of the organism up to serious illnesses and death, the influence of the weather on mental and physical capacity is proven.

Adverse weather effect on the human organism is assessed on the grounds of the following indicators: the level of pathogenic effect of the weather, the effect that causes disruption of the normal human condition is set on the basis of the general

pathogenicity index forecast. It is defined as the sum of the components of the pathogenicity indices for individual indicators:

$$J = i_t + i_h + i_v + i_{\Delta p} + i_{\Delta t},$$

J – the general index of pathogenicity; i_t – pathogenicity index of the temperature; i_h – pathogenicity index of humidity; i_v – pathogenicity index of wind speed; $i_{\Delta p}$ – pathogenicity index of the changes in the atmospheric pressure; $i_{\Delta t}$ – pathogenicity index of the changes in the air temperature.

Components of the pathogenicity indices are calculated by the following formulas.

Pathogenicity index of the temperature: $i_t = 0,2 (18 - t)^2$ with $t \leq 18^\circ$,

$$i_t = 0,2 (t - 18)^2 \text{ with } t \geq 18^\circ,$$

t – the average daily temperature in $^\circ\text{C}$.

Pathogenicity index of the humidity: $i_h = \frac{10 \times (h - 70)}{20}$ with $i_h \geq 70$,

$$i_h = \frac{10 \times (70 - h)}{20} \text{ with } i_h \leq 70$$

h – the average daily humidity in %.

Pathogenicity index of the wind speed: $i_v = 0,2 \times v^2$,

v – the average daily wind speed in m/s.

Pathogenicity index of the changes in the atmospheric pressure: $i_{\Delta p} = 0,06 (\Delta p)^2$,

Δp – inter-day average daily change of the atmospheric pressure in mm of the mercury column/day.

Pathogenicity index of the air temperature: $i_{\Delta t} = 0,3 (\Delta t)^2$,

Δt – inter-day change of the average air temperature in $^\circ\text{C} / \text{day}$

The pathogenic effect of the weather is classified on a scale (tab. 2.1)

2.1. Scale of the weather pathogenicity

Value J	Assessment of the weather pathogenicity
0 – 9	Optimal
10 – 24	Irritant
25 and more	Acute

The degree of the weather irritant effect is established from the interrelation:

$$R = 0,6 \times J,$$

R – degree of the weather irritant effect; J – general index of pathogenicity.

To assess the complex effect of the weather and meteorological factors on the human organism using the coefficient of the weather severity (S).

The coefficient of the weather severity is calculated by the formula:

$$S = (1 - 0,006 t) (1 + 0,272 v) K_v K_a.$$

S – severity of the weather for the day, points; t - the average daily temperature, °C;

K_v – relative humidity coefficient, which is 0,9 for humidity less than 60; 0,95 for 61-70%; 1,0 - to 71-81%; 1,05 - to 81-90 - for humidity greater than 90%;

K_a – coefficient, taking into account the role of daily variability of the temperature; it equals, in case of variability to 4°C - 0.85, from 4,1°C to 6°C - 0,90, from 6,1°C to 8°C - 0,95, from 8.1 to 10°C - 1 00, from 10,1°C to 12°C - 1,05, from 12,1°C to 14°C - 1,1, from 14,1°C to 16°C - 1,15, from 16,1°C - 18°C - 1.20;

v – the average daily wind speed, m/s.

The higher the coefficient of the severity of the weather S, the more significant the deflection of physiological systems, the stronger the influence of weather and meteorological factors on the human organism.

The second danger in my opinion is a factor such as the use of poor quality food. In the former USSR countries, since the 1990s, the phenomenon of counterfeit goods has remained. On the shelves of our stores about 30% of the products are counterfeit and this statistics is really shocking. Under the guise of milk, butter, cereals, we sometimes buy low-quality products, which is a great danger. Many

products also have elements that are unhelpful to our health, including emulsifiers, palm oil, flavor enhancers and odors. All this has a negative impact on our health and, in my opinion, is a great danger.

Another danger factor is Narcotic Substances. It is a fact that after the collapse of the USSR, the former republics became the largest drug users in the country. All drugs came to Russia and Ukraine from Tajikistan, Mongolia, Turkmenistan and other countries in the east. Unfortunately, this trend has continued to this day, but on a much smaller scale. However, drug addiction and drug use in general are urgent problems in our country, which is why I consider it the 3rd most dangerous factor.

AIDS in my opinion is the 4th most dangerous factor. As mentioned above, in the 1990s, Ukraine was covered by alcohol and drug addiction, and AIDS was not considered a serious problem in our country at that time. Poverty, unprotected sex, drug use with a single syringe and banal ignorance and lack of awareness have fatally impacted the situation, creating a real social catastrophe among different sections of the population. Ukraine has the worst AIDS situation in Europe and is in fact the largest focus on AIDS in Europe. Official figures show that 1.5% of people aged 15 to 24 are HIV-positive. UNAIDS estimates that 2% of people in Ukraine are AIDS-infected.

Consider suicide to be the fifth factor of danger. Unfortunately, suicide is very common in Ukraine. In 2009, our country ranked 13th in the ranking of suicides in countries around the world. The level and number of suicides is strongly influenced by the political, social, economic and usually personal situation. But in fact, suicide practices are very common in our country. This means that more people should be treated more closely, and the country should practice suicide prevention.

Statistical evaluation of dangerous and harmful factors for human life Factors with the lowest individual score Domestic violence - 1 point Smoking - 2 points Alcohol consumption - 3 points Drugs - 4 points Suicide - 5 points Domestic violence is one of the worst phenomena in life for everyone. It is from people close to you that you expect support and care, and it is very bad if you do not receive it. Smoking, drinking alcohol and drugs is a taboo for me, because first I play sports and secondly

I don't see it in that sense. The desire for suicide is inherent in a person who has been abused in any form that has no friends because of the whims of a character and the person who uses drugs. At the moment I am completely satisfied with my life so I do not consider suicide a threat to me. Highest Individual Score Factors Presence of radioactive substances in air, water and soil - 35 points Presence of chemicals in air, water and soil - 36 points Infectious diseases - 37 points Food poisoning - 38 points Road transport - 39 points Increase and decrease of atmospheric parameters 40 points Environmental issues are currently a major problem around the world and Ukraine is no exception. Unfortunately, no concrete steps are being taken to address this, and people have to hope that environmental issues roblemy MKO our country side. Since I often buy fast food (which is one that is doubtful), I consider food poisoning quite possible for me. Road transport is a major threat to Ukrainians. Looking at the number of crashes made by cars, you can go head to head, because the numbers are scary.

The highest factor 40 I put this is military action because in our country this factor has now taken away and continues to take away lives and leave families without family and children without parents and disabled people. Military action can have very great consequences for humanity, looking at the history of any state where there were battles of war, and so on, no one can ever count the consequences of all lives lost on the planet, and these are very, very large numbers. Therefore, I believe that in my opinion this should be the highest dangerous factor. From 39 to 30 I set out also important factors for human life such as: Road transport, radioactive substances in the environment, homicides and willful damage, natural disasters and the like.... From 2 to 10 I have listed in my opinion the factors that are less threatening to the person or rarely occur in the land such as: personal injury, poverty, electromagnetic radiation, water bathing vacations, rail transport, air transport in my opinion, these factors are less threatening to the person. 2 The lowest factor 1 in my opinion is unemployment because it is entirely dependent on the person. I consider this factor the lowest because an unemployed person cannot provide himself with anything at all, and for humanity, he does not threaten anything. The person has the right to

choose how he wants to live his life and how and how to provide him with different interests and positions for each person to live and stay in society. In the course of practical work # 1 I was assigned dangerous and harmful factors on points from 1 to 40. I set the highest points (35-40): military actions, terrorism, deliberate killings because during such actions, one dies and is injured a lot of people, everything that has been built up over the years is destroyed, the state and the population suffer great losses. I distributed 34-30 points for radioactive and chemical substances as well as for natural disasters as radioactive and chemical substances are already in the environment and adversely affect the same environment and human health, and natural disasters also cause great damage. and even take many lives. I divided scores 29-10 between the various factors that a person can manage by himself at a subconscious level, such as personal injury, AIDS, suicide, smoking, drugs, food poisoning, reservoirs, drinking alcohol. They do not cause great damage to the state, only for themselves, their health and life. I divided the points 9-1 into factors that are not accompanied by large losses and are the least common, such as unemployment, poverty, the use of poor-quality food, and rising prices. I also included nuclear power in this category, despite the terrible accidents that have happened in the past. At present, nuclear power is quite safe, and this security is increased every year. Today I want to consider the most dangerous and harmful factors for human life. The most dangerous thing I think is the use of low-quality food, because I like to eat fast food or chips. One of the most dangerous, I think is road transport, because my father often drives very fast and dangerous. And since I go with him very often, I consider it one of the most dangerous factors. In 38th place I put the railway because I get to the university, and since I go during rush hour, there are many people there and everyone is hustling. I gave the 37th a killer because we live in Ukraine and it is not safe to walk in the evening, I was recently in a very dangerous situation when I was threatened with murder in a nightclub, so I put the murder in the 37th place. I consider suicide the least dangerous because I love my relatives and consider myself a strong person. In my opinion, only the weak will be able to commit suicide, to escape from all problems, not to fight them. In second and third place, I put price

increases and poverty. Because these are the factors that can be overcome more easily than others. You just have to work hard and keep your hands low. And in the fourth place I chose unemployment because, I believe, that you can always find a job, maybe not with such a good salary as you would like, but you can find

Each person feels the danger intuitively and understands the importance of his or her own. If you evaluate the dangerous and harmful factors for a person's life by individual opinion, then, of course, the estimates will differ. Probably, like some other people, I will always be more concerned about problems of a more personal nature than problems of a more global nature, so factors such as "air transport", "price increases", "smoking", "radioactive substances" will be less risky for me than others. Because the risk in these situations is a very small percentage that is unlikely to happen to me, or the impact or bad consequences will not cause me. Some other factors such as "suicide", "violence", "AIDS" can also be attributed to this, but I cannot do it because the first factor that happened to my acquaintance, it influenced, in my own life, so as well as the second factor. Everyone knows that AIDS is a big risk, it can happen to every person, even if they are not even aware of it for the first time. That is why I have given one of the biggest estimates to this factor. In general, every difficult or difficult situation always carries a certain risk, in different situations it can be either very high (excessive) or very low (acceptable).

Identified for myself dangerous and harmful factors for human life. On the 40th place, as the most important I chose military action, and I consider it a very relevant topic now for Ukraine, the more it touched me, because I am from Mariupol Donetsk region. I saw shells flying from the cities, and survived it when the shelling of the Eastern neighborhood in 2015 was over. At the 39th place, I put it in nuclear power, because I believe that the fault of most cancer is nuclear power. The Chernobyl nuclear explosion occurred in 1986, but even now people are experiencing the consequences, because it is not that far from Kiev, and the radiation levels in recent hours have not decreased. At 38, I chose food poisoning because I find this topic very relevant nowadays, because of the production of poor quality food. Every year, people use a variety of supplements that replace the taste of natural foods,

which is why food poisoning is relevant to me to this day. In 37th place I put AIDS because it is very important nowadays. 100 years ago, people did not even know that such a disease existed, but now every year people with this disease are growing exponentially, so we can not raise this important topic.

I also chose for myself 4 different factors that I consider to be less dangerous to myself. In the 4th place, I chose poverty, because I think it is for everyone. In my opinion, a truly poor person can be considered only when he has neither a purpose in life nor a favorite work that brings him pleasure. I have all these elements, so I am quite sure that poverty does not await me in this life, at least in spiritual terms. I placed domestic violence in 3rd place. In my family, careful attention is paid to moral values and love, so it does not threaten me. For many, this is really a problem, but I was lucky to get around. On the 2nd place I put drugs and on the 1st place smoking. In all my 17 years, I have never tried different drugs and never smoked in my life. For me, this is a principle that I will not change, regardless of any circumstances in my life. I believe that people who smoke and consume drugs are spoiling their health and are one step closer to death, so this is a futile exercise that is not worth my attention.

Statistical evaluation of dangerous and harmful factors for human life There are many unsafe and harmful factors around us. Anything can be a factor for a person, from the slippery steps and ending with a robber who is capable of murder for money or something of value. For me, the safest factors are: 1. Domestic violence 2. Unemployment 3. Poverty 4. Smoking Why did I put them in the first place? Let's start with domestic violence. For me, this factor is irrelevant because there is nothing like this in my family. I have second place unemployment because I consider myself a person who will always find a way out of any situation. And I also find a job for myself, because I can do a lot. Having read the previous sentences, I think you understand why poverty is also not terrible for me. Smoking is also not a terrible factor for me, because I have never liked this bad habit and I still do not understand the meaning of smoking. And these are the factors that I think are most dangerous: 37. Terrorism 38. Murders and deliberate injuries 39. AIDS 40. Road transport I

believe that these factors are the most dangerous because we are not safe from them. Terrorism can happen on the same subway (in which most of us travel every day) at any time and it is not up to us. So is murder, AIDS and road transport. Walking down the street you cannot be safe from being robbed and killed. Of course, these are not frequent occurrences, but they are dangerous because it may not depend on us and we cannot control it. And car accidents are even a very common case, especially in a big city. Here is my statistical estimate of the dangerous and harmful factors for human life. Essay on "Statistical Evaluation of Hazardous and Harmful Factors for Human Life" The potential danger of human activity exists both explicitly and hiddenly, in the manifestation of its results, which are difficult to predict and which can cause traumas, deaths, diseases, impairment of working capacity and state of health. and other dangerous consequences. In my opinion, one of the most dangerous factors for human life is radioactive substances in the environment. Radioactive substances enter the body with dust, air, food or water and behave differently: some substances are distributed evenly in the human body, some accumulate in the bones, others remain in the muscles, accumulate in the thyroid gland, liver, kidneys, spleen and the like. This can lead to illness or even death. I believe that the safest factor for a person's life is personal problems and worries. Because a person can solve them on their own without any help or loss. Therefore, it is necessary to establish the conditions under which these factors cause undesirable effects and to prevent such conditions from occurring. I believe that the most dangerous factor in human life is nuclear power, because radioactive substances have a very negative effect on human health and have fatal consequences. The time of decomposition of substances is tens of years, which has a negative impact on the environment. Even more harmful factors, I would like to include Acquired Immunodeficiency Syndrome (AIDS), because this virus takes the lives of hundreds of people by destroying their immune system. Most people do not experience any symptoms after being infected with the virus.

To the less harmful factors, I attributed sports and mass activities, because these activities in most cases have a positive effect on people's lives, involving them in a healthy lifestyle. In my opinion, personal problems and worries are not

dangerous because everyone is able to solve them. The lowest ratings to sports and mass events, the presence of chemicals in food, and the presence of radioactive substances in food because I care about my health and do not consume harmful food. With the highest score of 40 I rated a dangerous factor such as unemployment. The problem of unemployment is a key issue not only in Ukraine, but in the whole modern world, and if it is not solved, it is impossible to establish effective economic activity and the unemployment rate will rise continuously. As the main cause of unemployment is the imbalance of labor supply and demand, this is why an active policy should be implemented in the country, consisting of measures aimed at: - increasing the demand for labor from the public and private sectors of the economy; - increasing the competitiveness of the workforce and ensuring the matching of workforce and jobs; - improvement of the employment process [6, p. 32]. The main directions of overcoming unemployment in Ukraine can be distinguished: improving the well-being of the population at the expense of personal labor contribution, entrepreneurship and business activity; providing appropriate unemployment assistance, job retention and retraining for jobless persons; thorough pension reform; promotion of comprehensive state protection of the intellectual potential of society; holding special job fairs for educational institutions for the purpose of employment of graduates; broadening the experience of organizing meetings with employers and former unemployed people who have successfully found a job or started a business; strengthening the coordination of international activities in the area of information exchange on employment; ensuring stable funding and state support for the development of the spiritual sphere, science, culture, education. With the highest score of 40 I rated a dangerous factor such as unemployment. The problem of unemployment is a key issue not only in Ukraine, but in the whole modern world, and if it is not solved, it is impossible to establish effective economic activity and the unemployment rate will rise continuously. As the main cause of unemployment is the imbalance of labor supply and demand, this is why an active policy should be implemented in the country, consisting of measures aimed at: - increasing the demand for labor from the public and private sectors of the economy; - increasing the

competitiveness of the workforce and ensuring the matching of workforce and jobs; - improvement of the employment process.

2. Meteosensitivity of the human and methods of its determination

The weather and meteorological factors affect the organism not by the separate elements, but by the totality of their properties, their effect is not total, but integrated.

The main factors that contribute to the occurrence of different reactions of the organism to the change of the weather conditions, are the human susceptibility to the weather irritants or meteosensitivity.

Meteosensitivity is both common and the most essential for the organism to coordinate physiological property of their vital functions with the rhythms of the biosphere. The response of the human organism to the change of the weather and meteorological factors is a normal physiological response aimed at improving the living material, to support harmony with the world, which is constantly updating.

Pathological reaction of the organism to the changing weather should be distinguished from a physiological meteosensitivity. Pathological response called “metedependance” or “meteopathy”. It may be hereditary (passed from parents to children), and can occur as a result of the great exhaustion, illness, in stress situations, where adaptive reserves of the principal life supporting systems do not have time to prepare the organism to extreme weather situations. Such disharmony with nature at each new outbreak of the weather changes can grow and become one of the main mechanisms for the formation of chronic pathologies.

Meteopathic response are felt subjectively and objectively by the organism, which is displayed by the poor health state, headache, insomnia, increase or decrease of blood pressure, spasms of the coronary and cerebral vessels, in the mental discomfort, worsening of metabolic, immunological and other processes.

Meteopathic reactions of the organism can be joined into the following groups:

1) rheumatoid are displayed by the muscle pain, general fatigue, inflammatory phenomena in peripheral nerves, etc.

2) cardiac are displayed by the pain in the heart, cardiac arrhythmias, etc.

3) catarrhal are displayed by the disorders of the gastrointestinal tract;

4) cerebral are characterized by the increased irritability, general excitement, insomnia, headaches, head congestion, nosebleeds, breathing disorder, negative emotional state, etc.

Meteotropic reactions most often occur in sick people. But about 40% of the healthy people also feel, depending on changes in weather and meteorological factors. This dependence 20% of them notice in their close relatives, which may indicate a hereditary mechanism of meteosensitivity. In addition, meteosensitivity of the cities residents is in 1.5 - 2 times higher than that of rural residents. This is due to the fact that city residents are less adapted to fluctuating velocity and air temperature, humidity and other meteorological factors.

The degree of display of meteopatic reactions are divided into three groups:

1 – weakly expressed reactions, mainly characterized by the subjective symptoms without intoxication;

2 - medium expressed reactions: the objective symptoms of intoxication include fever within 3 - 5 days;

3 – strongly expressed reactions that occur in hypertensive crises, angina attacks, astma-like state, etc.

Reaction of the organism to the effect of the weather and meteorological factors caused by the changes in the state of the autonomic nervous system. To assess its functional status the vegetative Kérdő index is used. It is derived from the pressure and heart rate and is calculated by the formula:

$$K = \left\{ \frac{1-d}{p} \right\} \times 100\%,$$

d – systolic blood pressure, mm of the mercury column; p – heart rate, beats per minute.

Normally, the ratio $d/p \approx 1$ and vegetative index is close to zero. In case of the benefit of parasympathetic tone of the autonomic nervous system, the index has a negative value. If the sympathetic tone of the autonomic nervous system benefits it is positive. The greater the deviation, the more expressed is the benefit of one of the parts of the autonomic nervous system and, hence, the greater meteosensitivity is.

3. Recommendations for the prevention of meteotropic reactions

In the development of meteorotropic reactions the important role is played by the central nervous system. It was found that the most complete human adaptation to the effect of the weather factors is displayed at a higher functional activity of the right hemisphere of the brain. This hemisphere is responsible for the formation of emotions. It dominates in controlling the aggressive behavior.

It is the understanding of the role of the right hemisphere of the brain in the development of adaptive responses to changing weather conditions, which is based on a number of advice-based prevention of meteorotropic reactions, primarily in the psycho-emotional sphere.

It is recommended on the eve of the predicted adverse weather condition to be involved into any kind of creativity, like drawing, displaying with bright colors of the sunny morning, flowers, wood, etc. The drawing has to include as much colorful tones as possible. No matter if the picture will not be an artistic masterpiece.

The same effect on the function of the right hemisphere of the brain, as painting does, have the invented by professor A.P. Churikov with his employees rose-colored glasses. They are named the FILAT glasses. They combine simultaneous use of bright lights and filters with certain physical characteristics. With the help of these glasses the mood may improve, the pace of thinking may increase, to calm down, to adjust to sleep disorders. Their use by the meteorodependent persons caused positive effect in 80% of the patients.

Thus, the most important during the critical weather conditions is the removal of the emotional stress. This can prevent hypertensive crises, angina attacks, reduce the risk of strokes, reduce the number of suicides. Along with the above-mentioned it is possible to use methods of emotional discharge: autogenous training and meditation.

For many people phototherapy may be useful. Its action lies in enhancing of the brain with bright white or dull red lights. This method was suggested by the experts of the National Institute of Mental Health of the USA. The best effect this method brings to the individuals tend to eat a lot of carbohydrate foods in the afternoon. Therefore it is recommended not to begrudge light at work in cloudy days

and at night. Light can replace the use of the drug melatonin or vitamin B12. However, the use of these preparations is dangerous because it can disrupt the circadian biorhythm of an individual.

Another preventive measure is a balanced diet. Meteosensitive people are recommended to supplement the diet with foods rich in antioxidants, i.e. substances that inhibit the oxidation of fats. The natural antioxidants include fresh oils, cheese, chokeberry, germinated oats, fresh vegetables, etc. At the same time the diet excludes fried foods, alcohol. In addition, the diet is recommended to be shifted to protein and fat type, and during dangerous days the caloric diet should be significantly reduced.

This group of preventive measures includes complex treatment with the preparations that have antioxidant properties. After a month of treatment metotropic reactions do not occur within six months in 80% of patients.

Task 1. Determine the level of weather pathogenicity and its irritant effect, assess the impact of complex the weather and meteorological factors on the human organism.

The work must be performed in the following order.

1. Fill in the table 2.2 with the data on the weather and meteorological factors that the teacher reads.

2.2. Weather and meteorological factors

Factor's title	Factor's Measurement							Inter-daily difference	
	For the previous day _____ (date)			Average daily	On the day of the experiment _____ (date)				Average daily
	Measurements				Measurements				
	1	2	3		1	2	3		
Temperature °C									
Wind speed, m / s								-	
Humidity, mm								-	
Atmospheric pressure, mm of mercury									

2. Calculate the measurement of the average daily temperature, humidity, wind speed, atmospheric pressure.

3. Calculate the measurement between the daily changes in the atmospheric pressure and temperature.

4. Calculate the components of the pathogenicity indices of temperature, humidity, wind speed, atmospheric pressure changes and temperature changes according to the formulas.

5. Calculate, on the basis of the constituents of the pathogenicity index, the overall pathogenicity index of the forecast.

6. Perform, on the basis of measurements of the total pathogenicity index, the assessment of the weather pathogenic effect on humans according to the scale (Table 2.1)

7. Determine the degree of the weather irritant effect.

8. Calculate stiffness forecast and execute a comprehensive assessment of the action weather and meteorological factors on the human body.

9. Fill in the table 2.3. with the results.

Conclusion: _____,
 The weather reveals _____
 effect (pathogenicity level)

2.3. Defining the level of pathogenicity, irritant effect and rigidity of the weather

Components of the pathogenicity indexes					Total pathogenicity index of the weather, J	Degree of the weather irritant effect, R	The level of the weather pathogenicity (optimally irritant or acute)	Coefficient of the rigidity of the weather, S
Air temperature, i_t	Air humidity, i_h	Wind speed, i_v	Changes in air the temperature, $i_{\Delta t}$	Changes in the atmospheric pressure, $i_{\Delta p}$				
1	2	3	4	5	6	7	8	9

Task 2. Evaluate own meteosensitivity.

Conduct the work in the following order. Fill in the questionnaire. Answer each

question "yes" or "no". Calculate the amount of points with "yes" answers. Make the meteodependance conclusion on the basis of the comparative Table 4.

Calculation of the total score allows you to get the subjective evaluation of one's own meteodependance, and conclude on the necessity for the measures to reduce metedependance.

Questionnaire

Scores

1. Chy you feel the differences in different periods of the year (yes / no) at:
 - a) general state _____ 20
 - b) mood _____ 5
 - c) working capacity _____ 10
 - d) state of health _____ 20
2. Do you notice a relationship with the weather changes (yes / no):
 - a) general state _____ 20
 - b) working capacity _____ 10
 - c) mood _____ 5
3. What subjectively reveals as the impact (yes / no) of the "bad" weather:
 - a) weakness _____ 10
 - b) sleepiness _____ 5
 - c) bad mood _____ 5
 - d) headache _____ 15
 - e) dizziness _____ 25
 - e) other ailments (which) _____ 20
4. What weather has the greatest impact on you (yes / no):
 - a) rainy _____ 10
 - b) windy _____ 10
 - d) hot _____ 10
 - e) cold _____ 10
 - e) dry _____ 10
 - h) with high humidity _____ 10
 - c) other (which) _____ 10
5. Do you fell future changes in the weather (cross the odd one out):
 - a) yes _____ 20
 - b) no _____ 0

Total points	Level of meteodependance
0-25	Resistant
26-50	Low
51-100	Threshold point
101-150	High
More than 151	Very high

QUESTIONS:

1. What is the essence of “life safety”? In science achievement which it is based?
2. Specify the basic principles of excreta.
3. What is the United Nations concept of sustainable development mankind?
4. What are the main tasks of the science of human security?
5. In what way calculated the index of human development?
6. Provide a definition of the concepts of "life" and "activities".
7. What are the main problems of life support.
8. Identify and classify the dangerous factors.
9. Name subgroups physical factors of danger.
10. What factors forms chemical hazards.
11. Provide a description of biological factors danger.
12. Provide a classification physiological factors danger.
13. What is the risk to life safety?
14. What is the quantitative risk assessment?
15. What is the axiom dangers?
16. What are the different types of risk?
17. What kinds of environmental risk.
18. What methods of risk used in medical and environmental research?
19. Give the definition of man-made risk.
20. What is the social risk?
21. What is the calculation of social risk?
22. What are the signs of structure the social risk.
23. What is a subjective risk?
24. What are the different types of compensation acceptability of risk?
25. What is the qualitative characteristic of risk?
26. What is the statistical evaluation of dangerous factors?

Topic. Biological hazards.

Practical class No. 3. Infectious diseases. Epidemics. Pandemics.

Immunity. Behavioral rules for population during conduction of isolation and restriction events. Prevention of infectious diseases

Objective: Study: the classification of infectious diseases and pathogens; behavioral rules for population during conduction of insulating-restrictive measures

Tasks:

1. To learn about infectious diseases and characteristics of some pathogens.
2. To learn the behavioral rules of the population during the insulating-restrictive measures.
3. To learn about the procedure of disinfection, with disinfectants and solutions.
4. Fill in table 3.1.
5. Describe the chosen infectious disease (the causative agent, the main symptoms, etc.)

General provisions

Over the past decade a wave of various infectious diseases covered the continents, states, millions of people and inflicted irreparable damage and great mortality rate to the world. In 2000 flu in Ukraine pledged in big cities to stop classes in schools for a long time (in Kiev for two weeks), led to a partial breakdown of production and other activities.

Infectious diseases of people are divided into: individual cases of exotic and highly dangerous infectious diseases; infectious disease in humans with undetected disease etiology; epidemic outbreak of infectious diseases; group cases of infectious diseases; epidemics and pandemics.

To characterize the mass infectious diseases among the population the following terms and definitions are to be applied.

Biologically-social emergency is a situation, when in a result of the source of biological and social emergency in the defined territory, normal living conditions and

health, the existence of farm animals and plants are violated, there is a threat to human life and health, threat of widespread infectious disease, loss of farm animals and plants.

Biological safety is a state to protect people, farm animals and plants, the environment from the dangers that are caused or will be caused by a source of bio-social emergency.

Specially dangerous infection is the infection status of human or animal body, which is revealed through the form of infectious diseases, progressing in time and space, causing severe consequences for human health and the farm animals or even their death.

Infectious disease irritant is pathogens that have evolutionary adaptation to parasitism in humans or animals and the potential to cause illnesses by the infectious disease.

Source of the infectious disease irritant is the body of an infected person or animal, which goes the natural process of keeping, breeding and release into the environment of infectious diseases.

Epidemic is a massive, progressive in time and space within the specified region people's infectious diseases spreading, which is much higher than the level of registered diseases in the given territory.

Epidemic center is the place of infection and people's staying, who got sick with the infectious disease and the area, within which over a certain period of time there is a possible contamination of people and livestock with the infectious disease.

Pathogenic viruses are the cause of many serious and dangerous diseases of humans, animals and plants. These include smallpox, foot and mouth disease, dengue and others.

Infectious diseases of people is a morbidity with pathogenic microorganisms and disease and is transmitted from an infected person or animal to a healthy one. Infectious diseases are revealed in the form of epidemic foci.

Epidemic process is called the process of the emergence and spread of the infectious diseases among people and which is a continuous chain sequence of homogeneous infectious diseases of people.

Epidemic disease or endemy is a constant registration in a particular territory of the morbidity, which is peculiar to the given area. Exotic disease morbidity is observed when the irritants are imported into the territory, which is free from this infectious disease.

Sporadic morbidity is a normal level of morbidity, which is inherent in the relevant disease area.

Epidemic explosion is called a sharp time-limited and defined-territory rise of the morbidity associated with the simultaneous infectioning of humans.

Morbidity is defined by the ratio of the quantity of morbidity in a given period of time to the number of residents of the given area, the city within the same period.

Mortality is the number of deaths from the given disease, which is defined by a coefficient to 100,000, 10,000 and 1,000 people, covered by the epidemic surveillance.

Ways of infectious agent's transmission are defined environmental elements or their combinations that provide pathogen transfer from the source to the surrounding people in specific epidemic conditions.

There are the following ways of infection transmission from a human:

1. The contact-household path, when the disease is transmitted through objects that surround the patient.

2. Airborne droplets, when the infection is transmitted through saliva droplets that enter the air during the conversation, sneezing, coughing. Tuberculosis, influenza, whooping cough, diphtheria, measles, etc. may be transmitted the same way.

3. Transmission of the infection through the water into which the microbes get inside the organism (cholera, typhoid, dysentery, etc.).

4. Through the bites of blood-sucking arthropods (e.g. malaria).

5. Through contaminated food.

6. Through the soil: for example, intestinal diseases, tetanus.

3.2. Groups of infectious diseases. Depending on the general characteristic features of common infectious diseases associated with the localization of the pathogen in humans and the mechanism of infection transmission, all infectious diseases are divided into 4 main groups:

- infections of the respiratory ways;
- intestinal infections;
- blood infection;
- infection of the outer covers.

Among infectious diseases a group of especially dangerous infections is distinguished:

1. Cholera
2. Typhoid
3. Plague
4. Tularemia

Classification of factors of infectious diseases and infestations that may occur in the agricultural sector is the following:

bacterial: tuberculosis, brucellosis, salmonellosis, leptospirosis, anthrax, listeriosis diamond-skin disease, plague, tularemia;

viruses: rabies, psittacosis, cholera;

rickettsiosis: fever;

fungus: actinomycosis, blastomycosis, candidiasis, [coccidioidomycosis](#), cryptococcosis, microspores, ringworm, histoplasmosis, [epidermatomycosis](#);

animalculine: echinococcosis, teniasis, trichinosis.

To prevent diseases these diseases, the following preventive measures are to be conducted:

- preventive vaccinations;
- quarantine measures (under quarantine a set of measures to curb the spread of infection, including isolation of the previous patients, disinfection of the patients' residence, detect infection contact with patients, etc. Is understood);

- removal of sources of infection.

Behavioral rules of the population during the insulating-restrictive measures.

While the threat of natural centre of infectious diseases exists, it is necessary to know the clear ways and methods of population protection.

Infectious diseases centre is called a territory contaminated by pathogenic agents which is a source of the spread of infectious diseases: sometimes it is simply called the centre of the epidemic of infection.

The disease occurs not immediately but after a hidden (latent) period, which can last for days, weeks, and sometimes months, depending on the pathogen of the infectious diseases. Infectious diseases can be determined only through special laboratory studies and by analyzing the samples taken, which, of course, makes it difficult to timely acting. But if a mere fact of appearance of the infectious agent is confirmed, then the quarantine is immediately announced.

Quarantine is a system of temporary organizational, operational, restrictive, administrative, economic, health, epidemic, hygienic, therapeutic, and preventive measures aimed at preventing the spread of infectious disease and provision of localization of the epidemic, epizootic or epiflotic centres and their subsequent elimination.

When quarantine is announced, the following measures are taken:

1. The outer quarantine zone includes the guard, commandant service and patrols are organized.

2. Around the settlements and the objects, the local (internal) commandant service is organized, health infectious wards and hospitals, control and transmission points, etc. are carried out.

3. People, animals and property removal is prohibited from the quarantine area. The check out of the contaminated area is allowed to the civil defense chiefs only with special formation and means of transport.

4. Transit transport passing through the centres of contamination is prohibited (except for only railway).

5. Objects of economic activity, continuing their activities, move to a special work regime, in strict compliance with antiepidemic requirements. Workers of the shift are divided into separate groups (of a very small number), contact between them is reduced to a minimum. Meal and rest of employees is organized in groups in specially designated areas. The work of all educational institutions, entertainment facilities, markets and bazaars is being stopped.

The local infectious disease centres all workers and employees of enterprises and institutions should take the following measures for personal safety: wear protective masks; comply with the basic rules of personal hygiene at work and at home; not to use unproven or contaminated food and water; no smoking in the contaminated area; in case of appearance of sickness or weakness they should immediately contact a doctor.

The population strictly follows the guidelines for the implementation of HIS (Health Inspection Service) recommendations of all sanitary and epidemic measures.

Quarantine in the centre of infectious diseases after disinfection of the external centre is replaced by the observation..

Observations are regime and restrictive measures that provide, along with the increased medical and veterinary supervision and conduct of preventive, curative, prophylactic, veterinary and sanitary measures, a restriction of movement of people or livestock in all the surrounding zones to the quarantine administrative-territorial formations that create the observation zone of the spread of infectious diseases.

The objective is to prevent the spread of infectious diseases. For this purpose in fact, the same preventive measures as in the quarantine are taken, but the conditions of observation of the insulating-restrictive measures are less stringent.

The establishment of regime and behavioral rules in the centre of the infectious diseases, as well as the medical services requirements should be abided by all the citizens unconditionally. Nobody has the right to evade preventive vaccination and acceptance of drugs.

It is only allowed to take water from the water supply or with uninfected inspected the medical service of water sources in the centre of the infectious diseases.

All products should be stored in tightly closed containers and handled before use: to boil water and milk, raw fruits and vegetables should be thoroughly washed and boiled, individual dishes should be used for eating.

It is necessary to carry out disinfection, decontamination of the items indoors. Decontamination is made in simpler ways: by washing with soap and water, boiling the individual items, etc.

For disinfection of premises the lit (settled) 0.1-0.5 percent chlorinated lime solution is often used. To produce 5-percent solution 10 liters of water are required to be diluted with 0.5 kg of chlorinated lime solution and let it settle.

The procedure of disinfection, disinfectants and solutions.

Sanitization is called a removal of radioactive substances, disposal or removal of toxic substances, pathogens and toxins from the skin of people and personal protective equipment, clothing and shoes that were on. It may be complete or partial.

Partial sanitization during the infection with radioactive substances is held if possible during the first hour after getting infected, after the spread of the radioactive substances directly into the zone of radioactive contamination and is repeated after leaving it.

When infecting with drip-liquid toxic substances and their sprays sanitizing is made immediately.

With the simultaneous infection with radioactive, toxic substances and bacterial agents toxic substances are primarily neutralized, and then the actions provided for handling radioactive substances during infection and bacterial agents are carried out.

Members of civil defense forces and the population use individual anti-gas packages (IPP-8 and its analogues) for carrying out partial sanitization, as well as various means available. Terms of use of IPP-8 package are provided in the form of instructions to it.

Complete sanitization consists of washing the body with warm water and soap. During radioactive contamination full sanitization is carried out in case if after partial sanitization infection of skin and clothes the remains are higher than the acceptable

norm. Complete sanitizing should be done if possible within 3-5 hours after infection: carrying it out after 10-12 hours is practically ineffective. Clothing is replaced if after handling, the contamination level remains above the acceptable norm. Complete sanitization during infection with drip liquids and their aerosols and can be conducted after the partial handling for the hygienic purposes.

When infecting, all the people that are in the area of bacterial agents action are to face sanitization despite the use of protection means and partial sanitization conduct. Infected clothing is subject to disinfection or replacement.

For the complete sanitization sanitary items based on stationary washing baths, showers and changing rooms pavilions; sanitization kits KSO; infectious showers settings DDA-53A, DDA-66, DDP are used.

Point of special treatment PST are designated for complete sanitization of personnel and the population, complete deactivation, decontamination and disinfection of weapons, equipment, decontamination and disinfection of the uniform, clothes, footwear and protective equipment. These points are located at uncontaminated areas around or directly in the centre of civil defense forces, which are subject to special treatment.

Disinfection of the area is carried out by chemical and mechanical means. Degassing of the areas should be made through the impact on toxic substances by the stream of hot gas from jet engines of the heat machines.

Disinfection is performed chemically by spreading solutions (suspension) for degassing or spillage of dry matter for decontamination over the territory.

Mechanical method of disinfection lies in the remote disinfection of contaminated soil or snow layers. Cutting the upper layer of soil is carried to a depth of 3-4 cm, layer of loose snow - up to 20 cm, thick snow - up to 6 cm.

Disinfection of clothing, footwear and personal protective items is performed by vapor or paraformaldehyde mixture, boiling, soaking in solutions for disinfection (or wiping them), washing up.

Vapor mixture is used to disinfect all types of clothing and personal protective equipment, except for skin coat, fur, leather and felting products, which are to be

disinfected with vapor mixture in accordance with the instructions to the disinfection showers cars (DSC) and disinfection showers trailers (DCT).

Disinfection of clothing and personal protective equipment, infected by the vegetative forms of microbes, is carried out by soaking in the 5% aqueous solution of phenol, lysol or naphthalysolum (with variola virus infection the concentration increases to 8%), 3% monochloramine solution or 2.5 % solution of formaldehyde for 1 hour. When infecting with spore forms of bacteria the soaking in 10% solution of formaldehyde for 2 hours is carried out.

Disinfection of clothing and personal protective equipment by washing is carried out with a special technology.

Disinfectants. For disinfection technology, solutions of formaldehyde, phenol and its derivatives (cresol, lysol and naphthalysolum) are used; suspensions and slurry of two-thirds of the salt calcium hypochlorite and chlorinated lime; aqueous solutions of powder SF-2U.

Aqueous solutions of detergents in relation to the pathogens have a weak effect and is used only to lower sowing germs surfaces and neutralize toxins.

For disinfection of equipment, infected by the vegetative forms of bacteria, 3.5% solution of formaldehyde, 1% a suspension of two-thirds of the salt calcium hypochlorite, 2% monochloramine solution is used.

For disinfection that is contaminated with spore forms of bacteria, the most effective is 17-20% water solution of formaldehyde (formalin), which contains 10% by weight of monochloramine B.

Formaldehyde is a colorless asphyxiating gas that dissolves in water. There is 35-40% aqueous solution of formaldehyde, called formalin. It is stored and transported in iron barrels or in special bottles which are inserted in a wicker basket.

Phenol is a solid pink-brown substance, which dissolves in water well. Dipped in pink liquid carbolic acid consisting of 90% phenol and 10% water is often used in practice.

Mehtyl phenol (cresol) is dark-brown oily liquid, slightly soluble in water, easily soluble in acids and alkalis; used in the form of 3-5% -s krezolovyh hot soap solution.

Lyzol is cresols in liquid solution (potash) and is a red-brown oily liquid that dissolves well in water; disinfection of the weapons and equipment used in the form of 3-5% water solutions.

Naphtasolum is a mixture of 65% naphthenic soap and 35% of cresol, which has effect in disinfection and washing, in the form of 5-10% water solutions is used for the same purposes as lysol.

Table 3.1.

Task:

Groups of infectious diseases

Groups of diseases	Examples of diseases	Localization	Ways of pathogen transmission
Infections of the respiratory ays			
Intestinal infections			
Blood infections			
Infections of the external covers			

Topic Psychological peculiarities of a human

Laboratory class 4. Defining the main psychological peculiarities of a human and their influence on safety

Objective. Show the influence of physiological peculiarities of the human impact on the safety. To familiarize students with psychodiagnostic method for assessing psychological characteristics of a person by testing.

Task: To assess individual elements of human psychophysiological reliability using the following tests:

Part 1.

1. Test for defining analyticity thinking;
2. Test for researching the selectivity (test -a) and concentration (test -b);
3. Test for defining the temperament of the individual, graphically show the type of nervous activity;

Part 2.

4. Test for defining volitional qualities of a person;
5. Test for establishment of the sociability level;
6. Test for defining the level of self-esteem;
7. Test for defining the stress resistance.

After the appropriate tests being carried out students analyze the results obtained in terms of personal safety and prepare a report form.

General provisions

Higher cognitive functions is a complex of mental processes that are being formed throughout life. They are social in their origin related to the programming of human life by setting goals and objectives. As a result of this, mental orientation becomes random, special types of attention, thinking, memory, perception appear: arbitrary attention, random memory, observation.

The feature of higher mental functions is that initially they act as a form of interaction between people and only later as both internal, i.e. intrapsychological process. Therefore, thinking, language and imagination towards the implementation of higher cognitive functions, largely determine the consciousness of the individual.

Thinking arises and develops along with practical activities based on direct human sensory perception. Owing to thinking, the essential properties and relationships of objects and phenomena of reality in a generalized form and indirectly are depicted. The basis of thinking is formed by the analysis and synthesis operations, however, each act of thinking is a unity of knowledge, action and thinking of the human towards the relation to ones activities. While studying the theme "Thinking" students are invited to get acquainted with the term "mindset" and impact of the "mindset " on a way of solving tasks.

Attention is revealed in the direction and focus of human mental activity. Important characteristics include selectivity, stability, concentration, distribution and switching.

Modified technique can detect a sufficient number of characteristics of thinking: its speed, depending on the mindset, flexibility, or conversely, stiffness. There are methods of diagnosis selectivity and concentration.

Test 1. Research analyticity thinking

Materials and equipment: the form with 15 rows of numbers, compiled from a pattern, pen and stopwatch.

The form of printed thereon table series of numbers is as follows:

№	The numeric rows
1	2 4 6 8 10 12 14
2	6 9 12 15 18 21 24
3	3 6 12 24 48 96 192
4	4 5 8 9 12 13 16
5	22 19 17 14 12 9 7 ...
6	39 38 36 33 29 24 18 ...
7	16 8 4 2 1 $\frac{1}{2}$ $\frac{1}{4}$
8	1 4 9 16 25 36 49
9	21 18 16 15 12 10 9 ...
10	3 6 8 16 18 36 38 ...
11	12 7 10 5 8 3 6 ...
12	2 6 9 27 30 90 93 ...
13	8 16 9 18 11 22 15
14	7 21 18 6 18 15 5
15	10 6 9 18 14 17 34

Instruction to the researched one: “Rows of numbers are printed on the forms that lie in front of you. Try setting at which pattern is composed each of 15 proposed numerical series. According to this pattern continue every row, expanding it in two numbers. 7 minutes are given for the task.

In 7 minutes the command is: Stop! Writing is finished!”

Analysis of the results. The level of analyticity thinking is defined by the number of rows of numbers written correctly.

If the researched completed 14 - 15 rows of numbers, his or her analyticity thinking is very high or excellent; if 11 - 13 – analyticity is high or good; if 8 - 10 - average or satisfactory; if 6 - 7 - low or bad; if 5 or less, the analyticity is very low or bad.

Test (a). Research of attention selectivity

Materials and equipment: Test form, pencil and stopwatch.

Procedure of the research. The research is carried out in pairs consisting of experimenter and the researched. The experimenter reads the instruction to the researched, provides a test form and records the time of performance.

The test form is the following:

The Researched _____

The Experimenter _____

Test form

SDGRHSUNKYFTOYJHFNMPOUNBVCFBUILDINGIUTREWETUOLKGDFFF
GHLKJHGFDWINDOWIKGJDGSXGIRLPOIUYFGHJKAPPLEHDKSCNVBNAR
MCHAIRCVBNMBOOKPOIUYTRPENCILFGHJKLWERTYUIOWATERSDFGH
JKLTOUCHASDFGHJKLBEDROOMZXCVBNMPHONEKJHGFDSA ZXC VFO
RESTMNBVCXTREESDFGHJKBALLWSDXCVGTRSNAKELKJHFGZXC VBN
MCATIJHGVBNMONUMENTOKJHBNVMORNINGPLKMNBVFGLKJGLIGHT
OIUYTRDOORSDFGHJAPARTMENTLKJNBFHDRWALLERTNERTYGFDSHJ
NVCXMOVIEKJHGFDSXVCBNFRYUEOWLKFHGDJSXM

Instructions to the researched: “You will be provided a test form with a printed letters and words on it in a row. Search and underline the words there. Try not to miss a single word and work quickly, as the time is fixed. If everything is clear and there are no questions then start!”

Processing and analysis of the results. Indicators of attention selectivity in this experiment is the performance of the task and the number of the underline words found. All in all there are 25 words in this test:

The result is assessed using the scale of assessments, which comprises points depending on the time spent searching for words. For every word left out, one point is deducted.

Time, s	Points	Level of attention selectivity
250 and more	0	I low
240 – 249	1	I low
230 – 239	2	I low
220 – 229	3	I low
210 – 119	4	I low
20 – 2090	5	I low
190 – 199	6	I low
180 – 189	7	II medium
170 – 179	8	II medium
160 – 169	9	II medium
150 – 159	10	II medium
140 – 149	11	II medium
130 – 139	12	II medium
120 – 129	13	III high
110 – 119	14	III high
100 – 109	15	III high
89 – 99	16	III high
78 – 88	17	III high
70 – 79	18	III high
60 – 69	19	III high
less than 60	20	very high

Test (6). Research concentration of attention

Materials and equipment: Test form, pencil and stopwatch.

Procedure of the research. The experiment can be conducted with one researched, as well as with a group of 5 - 9 people. The main terms of working with

the group - conveniently place the participants, provide each with the test forms, pencils and observe silence during testing.

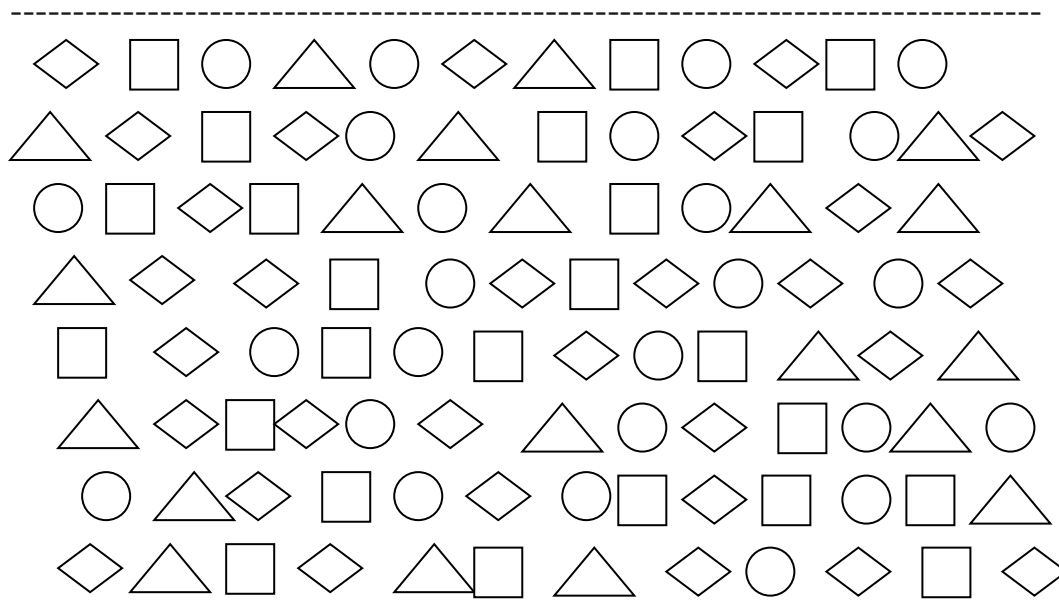
Instructions to the researched: “You are suggested a test with the images on it four geometric figures: square, triangle, circle and rhombus. With a signal "Start!" arrange as soon as possible and without error in these figures the following symbols: the square – plus, the triangle – minus, the circle – nothing in the rhombus – full stop. Arranged these signs consecutively in series in each figure in line from left to right. Time on the job – 1 min.

Processing and analysis of the results. The results of this testing is the number of filled in geometric shapes including circles and number of errors within 1 min. The level of concentration is defined according to the table 5.1.

5.1. The level attention spans

The number of processed figures	Rank	The level of concentration of attention s
100	1	Very high
91 - 99	2	High
80 - 90	3	Average
65 - 79	4	Low
64 and less	5	Very low

The form with geometric figures is as follows:



The rank is reduced according to the mistakes made while filling. If there has been 1 - 2 errors, rank reduces by one, if 3 - 4 by two ranks, and if there are over 4 errors, the concentration of attention is considered worse by three ranks.

Analyzing the results, it is necessary to find out the reasons that have led to such results.

Part 2

General provisions

Higher nervous activity (HNA) is a body activity aimed at interaction with the environment. HNA basis is composed of conditioned reflex (Table 5.2).

Numerous studies of people's activity from different walks of life had revealed the influence of the results of work, especially on behavior, in extreme situations of many physiological peculiarities, namely the qualities of temperament, and weak nervous system; abilities; sensorimotor reactions; competence; communication skills; determination and discipline, self-control; self-assessment.

5.2. Characteristic of reflexes

<i>Unconditioned reflex</i>	<i>Conditioned reflex</i>
The hereditary form of the activity	Acquired after birth
Has a fixed reflex arc	Formed on the basis of a temporary connection between unconditional and conditional centers
Participation of NS structures is not required	Mandatory participation CNS (cortex)
The presence of specific receptive field and specific stimulus	No specific receptive field and specific stimulus
Differentiated by strength and constancy	Characterized by fragility may vary fade

Methodologies suggested in the recommendations, allow to define the type of nervous activity, volitional qualities of a person, the level of communication skills, self-esteem and stress resistance.

There are 4 types of higher nervous activity (table 5.3).

4.3. Types of Higher Nervous Activity

<i>According to Hippocrates</i>	<i>According to Pavlov</i>
Sanguine	Strong, balanced, agile
Phlegmatic person	Strong, balanced, inert
Choleric	Strong, imbalanced, with a predominance of excitation
Melancholic person	Weak processes of excitation and inhibition

4. Type of higher nervous activity

There are 12 statements. Please read them and decide whether they belong to you personally. If you are, then put a mark "yes", do not think long. The best answer is the one that first came to mind.

1. Generally carry out my activities without prior planning.
2. It happens that I feel either happy or miserable with no apparent reason.
3. I feel happy when doing business, which requires immediate action.
4. Prone to mood swings from bad to good with no apparent reason.
5. While making new acquaintances, take the initiative first.
6. I am often in a bad mood.
7. I am tend to act quickly and decisively.
8. It happens that I try to focus on something, and I can not.
9. You are fiery temper person.
10. It often happens that during a conversation with another person you are present only physically, but thoughts are somewhere else.
11. I feel uncomfortable when I do not have to a chance to communicate.
12. From time to time I am full of energy, and from time to time I am a very passive.

Data processing. Make an axis on the Cartesian coordinate system, write the amount of "yes" of all odd statements horizontally (from the left to the right), and to the top the amount of "yes" of all paired statements - vertically (from the bottom to the top). Define the coordinate of your results, and behind them - the type of higher nervous activity: sector 1 - choleric; sector 2 - sanguine; sector 3 - phlegmatic; sector 4 - melancholic.

If the coordinates are located near the crossroads, it means that you have a mixed type of higher nervous activity.

Remember that the brightly defined types occur less frequently.

Test for defining volitional qualities of a person

Will is a person's ability to control one's actions and deeds. It is expressed through high self-control in dangerous situations, ability to overcome obstacles that have arisen on the path to the goal achieving, the ability to subordinate one's desires to the duty requirements, the ability to overcome feelings of insecurity, doubt and fear.

Activity of a modern worker, which is characterized by the frequent occurrence of dangerous accidents, also has high requirements towards one's volitional qualities.

Are you a strong-willed person?

Give a frank answer. If you can confidently answer "yes", put on paper 2 points if "no", put zero, but if you find it difficult to answer precisely, there are doubts, place 1 point.

1. I complete uninteresting work to the end, even if I lack time.
2. If it is necessary to do something unpleasant I force myself, overcome internal resistance.
3. In a conflict situation I am able to focus and objectively assess one's own and other people's words and actions.
4. If I want to eat something sweet, I can afford to refuse.
5. I find the strength to get up in the morning, even if it is not planned, even if it is unnecessary.
6. I stay at the place of the street accident to witness.
7. I immediately reply to the letters.
8. I can overcome the fear of visiting the dentist office.
9. I calmly drink nasty medicine.
10. I carry out the promise given at the heat of the moment, even if it is related to a rather troublesome business.
11. I will without hesitation go to an unfamiliar city, go on a tourist trip, tour.

12. I precisely perform daily routine .

13. I condemn debtors (in all types of activities).

14. Even the most interesting film will not force me to postpone the work I have to do.

15. I can stop the dispute, despite the insulting words of the opponent.

Total points will determine how strong-willed person you are. If you earned 12 points - you lack willpower, attitude toward duties is careless, as if you do only what is interesting and easy to perform. Those, who earned 13-21 score, have a very strong will, but not always acting purposefully and when the workaround occurs, the person will not pass it. However, the given words this person will comply and unpleasant work, usually, sets to perform. However, they will not cause any difficulties on their own.

Finally, 22-30points. Without a doubt we can say: you are a strong-willed person. You can be relied on, and will not let down. Cases, challenges, unexpectable situations do not scare you off. But if there are over 30 points certain deficiencies may be noted. Sometimes you are irreconcilable, your self-averse in unimportant matters hinders communication with others - you are too categorical in the judgments.

Test for establishment of the sociability level

In each of these 16 questions, answer "yes", "sometimes" or "no".

1. You are looking forward to the usual business meeting. Is it brings you out of balance?

2. Do you postpone a meeting with a doctor to the time when it becomes necessary?

3. Does the order to deliver a speech, report, information at the meeting cause you confusion and discontent?

4. You are offered to go on a business trip to the city, where you have never been. Would you put a lot of effort to prevent this business trip?

5. Do you share worries with someone?

6. Are you annoyed when a stranger on the street appeals to you with a request (showing the way, saying the time)?

7. Do you believe that there is a problem of "fathers and sons" and that people of different generations are difficult in understanding each other?

8. Would you feel ashamed to remind a friend that he forgot to pay you back the debt, which he lent several months ago?

9. In the restaurant or dining room you were given meal of a poor quality. Will you keep silent, by just pulling away the plate?

10. Being alone with a stranger, will you keep silent? And will you be angry if a stranger speaks first?

11. Do you fall into despair when you see a long line? Will you refuse from your intentions to become the "tail" of the queue?

12. Do you fear to participate in any committee to review conflict situations?

13. Do you own, highly individual evaluation criteria of the works of literature, art, or any "other" thoughts are on not taken into account?

14. Having hear "on the sidelines" false claims on the question well known to you, will you keep silent, without getting engaged in the debate?

15. Does the request to help someone to understand the question or the official training topic causes any dissatisfaction?

16. Do you prefer writing over oral answers?

Estimates answers: "Yes" - 2 points, "Sometimes" - 1 point, "No" - 0

Results:

30 - 32 points - you are obviously not communicative, and this is your problem, this is you, first of all, who suffers from this. But for close people around you, this is not easy as well! Try to become more companionable, control yourself.

25 - 29 points - you are closed, taciturn, prefer solitude, so you probably have few friends. New work and the need for new contacts, if not leading you to panic, will ruin your balance for a long period of time. You know this feature of your character and may be dissatisfied with themselves. But your are not only restrained by dissatisfaction - you are able in certain circumstances to change you character.

19 - 24 points – you are, to some extent, companionable: in an unfamiliar environment you feel pretty confident. New problems do not scare you. Yet you come together the new people

hesitantly, and you get involved in arguments and debates with pleasure. Your statements sometimes are unreasonably sarcastic.

14 - 18 points - you have normal communicability. You are curious. You willingly listening to interesting interlocutor, patient, defend your point of view calmly. Without worries you go to meet new people. At the same time, you do not enjoy noisy companies; extravagant behavior, verbiage causes irritation.

Determination of test stress

Answering the questions of the test, specify how often you are in the listed states the following scale: often - 3 points, sometimes - 2 points, rarely - 1 point. Remember, the schyrishi will your answers, the result will be more objective.

The fewer points you score, the higher your stress. If you have the first or second level of stress, you need to dramatically change your lifestyle.

№	Questions	Answer		
		rarely	someti mes	often
1	I think the team underestimated me	1	2	3
2	I try to work despite health	1	2	3
3	I'm a fan of the quality of their work	1	2	3
4	I am aggressive (Noah)	1	2	3
5	I can not stand criticism	1	2	3
6	I am angry (Noah)	1	2	3
7	I try to be a leader, where possible	1	2	3
8	I believe persistent and assertive man	1	2	3
9	I was worried about insomnia	1	2	3
10	His enemies I fight back	1	2	3
11	I am emotionally hurt and worry trouble	1	2	3
12	I have no time to rest	1	2	3
13	I am having conflicts	1	2	3
14	I have enough power to realize itself	1	2	3
15	I have no time to engage in favorite business	1	2	3
16	I do everything fast	1	2	3
17	I feel fear not offered the session and will be excluded (Noah) from the Institute	1	2	3
18	I act rashly and then worry about their affairs and actions	1	2	3

Calculate the amount of points and determine the stress level on a scale:

The level of stress		Total points
Quantitative Assessment	Qualitative assessment	
1	very low	54
2	low	50-53
3	Below average	46-49

4	Slightly below average	42-45
5	Average	38-41
6	Slightly above average	34-37
7	Above average	30-33
8	High	26-29
9	very high	22-25

Conclusions: _____

Topic. Technogenic hazards and their consequences.

Laboratory class No. 5. Noise of air pollution in cities and its social hazard coefficient

Goal. Rate noise level of air pollution in cities and its social hazard ratio

Terms

Sound - a combination of sounds of different frequencies and intensities that arise from the vibrational motion of particles in elastic media (solid, liquid, gaseous). Minimum sound intensity, which treats ear, called the threshold of audibility. It depends on the frequency of sound waves. For comparison made by standard frequency of 1000 Hz. Sound waves have a frequency threshold of audibility of sound intensity at 2.10 W / m^2 and sound pressure $2 * 10^{-5} \text{ Pa}$. Pain in the ear occur when sound intensity 100 W / m^2 and the sound pressure of 200 Pa. Because these values vary widely, for hygienic assessment of noise used are not absolute values, and decimal logarithms ratio of these values to the zero level of standard that meets the threshold of audibility. Logarithm of these relations is called intensity level and sound pressure, measured in belah (B). But in practice, using ten times smaller unit from Bella, namely decibels (dB), because the human ear is able to distinguish the sound intensity level about 0.1 dB.

The second danger in my opinion is a factor such as the use of poor quality food. In the former USSR countries, since the 1990s, the phenomenon of counterfeit goods has remained. On the shelves of our stores about 30% of the products are

counterfeit and this statistics is really shocking. Under the guise of milk, butter, cereals, we sometimes buy low-quality products, which is a great danger. Many products also have elements that are unhelpful to our health, including emulsifiers, palm oil, flavor enhancers and odors. All this has a negative impact on our health and, in my opinion, is a great danger.

Another danger factor is Narcotic Substances. It is a fact that after the collapse of the USSR, the former republics became the largest drug users in the country. All drugs came to Russia and Ukraine from Tajikistan, Mongolia, Turkmenistan and other countries in the east. Unfortunately, this trend has continued to this day, but on a much smaller scale. However, drug addiction and drug use in general are urgent problems in our country, which is why I consider it the 3rd most dangerous factor.

AIDS in my opinion is the 4th most dangerous factor. As mentioned above, in the 1990s, Ukraine was covered by alcohol and drug addiction, and AIDS was not considered a serious problem in our country at that time. Poverty, unprotected sex, drug use with a single syringe and banal ignorance and lack of awareness have fatally impacted the situation, creating a real social catastrophe among different sections of the population. Ukraine has the worst AIDS situation in Europe and is in fact the largest focus on AIDS in Europe. Official figures show that 1.5% of people aged 15 to 24 are HIV-positive. UNAIDS estimates that 2% of people in Ukraine are AIDS-infected.

Consider suicide to be the fifth factor of danger. Unfortunately, suicide is very common in Ukraine. In 2009, our country ranked 13th in the ranking of suicides in countries around the world. The level and number of suicides is strongly influenced by the political, social, economic and usually personal situation. But in fact, suicide practices are very common in our country. This means that more people should be treated more closely, and the country should practice suicide prevention.

Statistical evaluation of dangerous and harmful factors for human life Factors with the lowest individual score Domestic violence - 1 point Smoking - 2 points Alcohol consumption - 3 points Drugs - 4 points Suicide - 5 points Domestic violence is one of the worst phenomena in life for everyone. It is from people close to you that

you expect support and care, and it is very bad if you do not receive it. Smoking, drinking alcohol and drugs is a taboo for me, because first I play sports and secondly I don't see it in that sense. The desire for suicide is inherent in a person who has been abused in any form that has no friends because of the whims of a character and the person who uses drugs. At the moment I am completely satisfied with my life so I do not consider suicide a threat to me. Highest Individual Score Factors Presence of radioactive substances in air, water and soil - 35 points Presence of chemicals in air, water and soil - 36 points Infectious diseases - 37 points Food poisoning - 38 points Road transport - 39 points Increase and decrease of atmospheric parameters 40 points Environmental issues are currently a major problem around the world and Ukraine is no exception. Unfortunately, no concrete steps are being taken to address this, and people have to hope that environmental issues roblemy MKO our country side. Since I often buy fast food (which is one that is doubtful), I consider food poisoning quite possible for me. Road transport is a major threat to Ukrainians. Looking at the number of crashes made by cars, you can go head to head, because the numbers are scary.

The highest factor 40 I put this is military action because in our country this factor has now taken away and continues to take away lives and leave families without family and children without parents and disabled people. Military action can have very great consequences for humanity, looking at the history of any state where there were battles of war, and so on, no one can ever count the consequences of all lives lost on the planet, and these are very, very large numbers. Therefore, I believe that in my opinion this should be the highest dangerous factor. From 39 to 30 I set out also important factors for human life such as: Road transport, radioactive substances in the environment, homicides and willful damage, natural disasters and the like.... From 2 to 10 I have listed in my opinion the factors that are less threatening to the person or rarely occur in the land such as: personal injury, poverty, electromagnetic radiation, water bathing vacations, rail transport, air transport in my opinion, these factors are less threatening to the person. 2 The lowest factor 1 in my opinion is unemployment because it is entirely dependent on the person. I consider this factor

the lowest because an unemployed person cannot provide himself with anything at all, and for humanity, he does not threaten anything. The person has the right to choose how he wants to live his life and how and how to provide him with different interests and positions for each person to live and stay in society. In the course of practical work # 1 I was assigned dangerous and harmful factors on points from 1 to 40. I set the highest points (35-40): military actions, terrorism, deliberate killings because during such actions, one dies and is injured a lot of people, everything that has been built up over the years is destroyed, the state and the population suffer great losses. I distributed 34-30 points for radioactive and chemical substances as well as for natural disasters as radioactive and chemical substances are already in the environment and adversely affect the same environment and human health, and natural disasters also cause great damage. and even take many lives. I divided scores 29-10 between the various factors that a person can manage by himself at a subconscious level, such as personal injury, AIDS, suicide, smoking, drugs, food poisoning, reservoirs, drinking alcohol. They do not cause great damage to the state, only for themselves, their health and life. I divided the points 9-1 into factors that are not accompanied by large losses and are the least common, such as unemployment, poverty, the use of poor-quality food, and rising prices. I also included nuclear power in this category, despite the terrible accidents that have happened in the past. At present, nuclear power is quite safe, and this security is increased every year. Today I want to consider the most dangerous and harmful factors for human life. The most dangerous thing I think is the use of low-quality food, because I like to eat fast food or chips. One of the most dangerous, I think is road transport, because my father often drives very fast and dangerous. And since I go with him very often, I consider it one of the most dangerous factors. In 38th place I put the railway because I get to the university, and since I go during rush hour, there are many people there and everyone is hustling. I gave the 37th a killer because we live in Ukraine and it is not safe to walk in the evening, I was recently in a very dangerous situation when I was threatened with murder in a nightclub, so I put the murder in the 37th place. I consider suicide the least dangerous because I love my relatives and consider myself

a strong person. In my opinion, only the weak will be able to commit suicide, to escape from all problems, not to fight them. In second and third place, I put price increases and poverty. Because these are the factors that can be overcome more easily than others. You just have to work hard and keep your hands low. And in the fourth place I chose unemployment because, I believe, that you can always find a job, maybe not with such a good salary as you would like, but you can find

Each person feels the danger intuitively and understands the importance of his or her own. If you evaluate the dangerous and harmful factors for a person's life by individual opinion, then, of course, the estimates will differ. Probably, like some other people, I will always be more concerned about problems of a more personal nature than problems of a more global nature, so factors such as "air transport", "price increases", "smoking", "radioactive substances" will be less risky for me than others. Because the risk in these situations is a very small percentage that is unlikely to happen to me, or the impact or bad consequences will not cause me. Some other factors such as "suicide", "violence", "AIDS" can also be attributed to this, but I cannot do it because the first factor that happened to my acquaintance, it influenced, in my own life, so as well as the second factor. Everyone knows that AIDS is a big risk, it can happen to every person, even if they are not even aware of it for the first time. That is why I have given one of the biggest estimates to this factor. In general, every difficult or difficult situation always carries a certain risk, in different situations it can be either very high (excessive) or very low (acceptable).

Identified for myself dangerous and harmful factors for human life. On the 40th place, as the most important I chose military action, and I consider it a very relevant topic now for Ukraine, the more it touched me, because I am from Mariupol Donetsk region. I saw shells flying from the cities, and survived it when the shelling of the Eastern neighborhood in 2015 was over. At the 39th place, I put it in nuclear power, because I believe that the fault of most cancer is nuclear power. The Chernobyl nuclear explosion occurred in 1986, but even now people are experiencing the consequences, because it is not that far from Kiev, and the radiation levels in recent hours have not decreased. At 38, I chose food poisoning because I find this

topic very relevant nowadays, because of the production of poor quality food. Every year, people use a variety of supplements that replace the taste of natural foods, which is why food poisoning is relevant to me to this day. In 37th place I put AIDS because it is very important nowadays. 100 years ago, people did not even know that such a disease existed, but now every year people with this disease are growing exponentially, so we can not raise this important topic.

I also chose for myself 4 different factors that I consider to be less dangerous to myself. In the 4th place, I chose poverty, because I think it is for everyone. In my opinion, a truly poor person can be considered only when he has neither a purpose in life nor a favorite work that brings him pleasure. I have all these elements, so I am quite sure that poverty does not await me in this life, at least in spiritual terms. I placed domestic violence in 3rd place. In my family, careful attention is paid to moral values and love, so it does not threaten me. For many, this is really a problem, but I was lucky to get around. On the 2nd place I put drugs and on the 1st place smoking. In all my 17 years, I have never tried different drugs and never smoked in my life. For me, this is a principle that I will not change, regardless of any circumstances in my life. I believe that people who smoke and consume drugs are spoiling their health and are one step closer to death, so this is a futile exercise that is not worth my attention.

Statistical evaluation of dangerous and harmful factors for human life There are many unsafe and harmful factors around us. Anything can be a factor for a person, from the slippery steps and ending with a robber who is capable of murder for money or something of value. For me, the safest factors are: 1. Domestic violence 2. Unemployment 3. Poverty 4. Smoking Why did I put them in the first place? Let's start with domestic violence. For me, this factor is irrelevant because there is nothing like this in my family. I have second place unemployment because I consider myself a person who will always find a way out of any situation. And I also find a job for myself, because I can do a lot. Having read the previous sentences, I think you understand why poverty is also not terrible for me. Smoking is also not a terrible factor for me, because I have never liked this bad habit and I still do not understand

the meaning of smoking. And these are the factors that I think are most dangerous: 37. Terrorism 38. Murders and deliberate injuries 39. AIDS 40. Road transport I believe that these factors are the most dangerous because we are not safe from them. Terrorism can happen on the same subway (in which most of us travel every day) at any time and it is not up to us. So is murder, AIDS and road transport. Walking down the street you cannot be safe from being robbed and killed. Of course, these are not frequent occurrences, but they are dangerous because it may not depend on us and we cannot control it. And car accidents are even a very common case, especially in a big city. Here is my statistical estimate of the dangerous and harmful factors for human life. Essay on "Statistical Evaluation of Hazardous and Harmful Factors for Human Life" The potential danger of human activity exists both explicitly and hiddenly, in the manifestation of its results, which are difficult to predict and which can cause traumas, deaths, diseases, impairment of working capacity and state of health. and other dangerous consequences. In my opinion, one of the most dangerous factors for human life is radioactive substances in the environment. Radioactive substances enter the body with dust, air, food or water and behave differently: some substances are distributed evenly in the human body, some accumulate in the bones, others remain in the muscles, accumulate in the thyroid gland, liver, kidneys, spleen and the like. This can lead to illness or even death. I believe that the safest factor for a person's life is personal problems and worries. Because a person can solve them on their own without any help or loss. Therefore, it is necessary to establish the conditions under which these factors cause undesirable effects and to prevent such conditions from occurring. I believe that the most dangerous factor in human life is nuclear power, because radioactive substances have a very negative effect on human health and have fatal consequences. The time of decomposition of substances is tens of years, which has a negative impact on the environment. Even more harmful factors, I would like to include Acquired Immunodeficiency Syndrome (AIDS), because this virus takes the lives of hundreds of people by destroying their immune system. Most people do not experience any symptoms after being infected with the virus.

To the less harmful factors, I attributed sports and mass activities, because these activities in most cases have a positive effect on people's lives, involving them in a healthy lifestyle. In my opinion, personal problems and worries are not dangerous because everyone is able to solve them. The lowest ratings to sports and mass events, the presence of chemicals in food, and the presence of radioactive substances in food because I care about my health and do not consume harmful food. With the highest score of 40 I rated a dangerous factor such as unemployment. The problem of unemployment is a key issue not only in Ukraine, but in the whole modern world, and if it is not solved, it is impossible to establish effective economic activity and the unemployment rate will rise continuously. As the main cause of unemployment is the imbalance of labor supply and demand, this is why an active policy should be implemented in the country, consisting of measures aimed at: - increasing the demand for labor from the public and private sectors of the economy; - increasing the competitiveness of the workforce and ensuring the matching of workforce and jobs; - improvement of the employment process [6, p. 32]. The main directions of overcoming unemployment in Ukraine can be distinguished: improving the well-being of the population at the expense of personal labor contribution, entrepreneurship and business activity; providing appropriate unemployment assistance, job retention and retraining for jobless persons; thorough pension reform; promotion of comprehensive state protection of the intellectual potential of society; holding special job fairs for educational institutions for the purpose of employment of graduates; broadening the experience of organizing meetings with employers and former unemployed people who have successfully found a job or started a business; strengthening the coordination of international activities in the area of information exchange on employment; ensuring stable funding and state support for the development of the spiritual sphere, science, culture, education. With the highest score of 40 I rated a dangerous factor such as unemployment. The problem of unemployment is a key issue not only in Ukraine, but in the whole modern world, and if it is not solved, it is impossible to establish effective economic activity and the unemployment rate will rise continuously. As the main cause of unemployment is the

imbalance of labor supply and demand, this is why an active policy should be implemented in the country, consisting of measures aimed at: - increasing the demand for labor from the public and private sectors of the economy; - increasing the competitiveness of the workforce and ensuring the matching of workforce and jobs; - improvement of the employment process.

5.1. Characteristics zones and noise pollution levels in cities

№	Characteristics of the zone of noise pollution	Noise level, dB
1	Noise pollution missing	35 and less
2	Very poor noise pollution	40
3	Weak noise pollution	45
4	Slight noise pollution	50
5	Small noise pollution	55
6	Moderate noise pollution	60
7	Big noise pollution	65
8	Considerable noise pollution	70
9	Strong noise pollution	75
10	Dangerous noise pollution	80
11	Very dangerous noise pollution	85
12	Especially dangerous noise pollution	90 and more

The main task of agriculture is to provide people with qualitative and safe food and to eliminate the negative effect on the environment. In order to fulfil the tasks it is important to identify the environmental risks and to develop elimination measures according to the risks. The general scheme of the work should predict the establishment of the casual relationship between human activities, state of the environment, technologies of crop-livestock farming and quality and safety of agricultural products. The scheme of relationship is rather simple: technologies influence the state of the environment (soil, natural water, biota, air), product quality and safety, and human health. The state of the environment can be unsatisfactory due to different types of human activities and natural phenomena (industry, technological accidents, climate changes etc) and it can have negative influence on the effectiveness of technologies and product quality. Thus all the factors should be taken into the consideration and the direct and reverse effects should be controled.

The generalization of the domestic and international experience has allowed to determine that the qualitative products are obtained only under the condition of the agricultural land suitability and of the correspondence to the current standards of production technologies.

The agricultural land suitability is measured by the presence of objects which can have the negative influence on the agricultural lands (companies, TPS, roads, disposals, landfills, etc); climate conditions (precipitation, temperature, etc); soil conditions (fertility, pollution and other degradation). The technology correspondence of the environmental requirements is guaranteed by a positive conclusion of the environmental review.

In order to determine the suitability of agricultural land according to the national level in Ukraine we have used the official information given by the Ministry of Ecology and Natural Resources of Ukraine and State Emergency Service of Ukraine about the main objects which can have the negative influence on the state of the environment including radionuclides contamination (cesium-137 and strontium-90) after the Chernobyl accident. The map and the range of some skeleton maps were developed and synthesized with the help of program Adobe Illustrator 10. They allow to identify the areas where it is advisable to create farms for the production of high-quality and safe products (green colour); areas which require more detailed examination before the implementation of production high-quality and safe products (yellow colour); and the inappropriate areas (red colour). The results of the work done show that the biggest part of Ukraine is suitable for producing the high-quality and safe agricultural products according to the potential danger of contamination indicators.

In the current situation of the global pollution with the harmful substances, of the environmental degradation the question of ecological safety is one of the burning issue. 5 regions of Ukraine are still suffer from the Chernobyl accident consequences.

The Chernobyl accident led to the agricultural lands pollution with the mixture of nuclear fission product, plutonium radionuclides and other transuranium elements.

The radiation effect of Chernobyl emissions is still being measured, especially the level of biologically significant radionuclides Cs, Sr, ²³⁸Pu, ²³⁹Pu and ²⁴¹Am.

Outside the exclusion zone ¹³⁷Cs has the main role in dose formation, as in previous years. Radionuclide composition of precipitation is now represented with condensed ¹³⁷Cs (steam-gas fraction condensed on the surface of aerosols) in most areas outside the 30-km zone (including western part from Polissia district Kyiv region to Volyn). ¹³⁷Cs is almost completely soluble and moveable due to its interaction and transformation with the soil.

Considering the importance of the above, there is a need for identifying areas that are not polluted by radionuclides.

The level of contamination in Kyiv region was assessed on the basis of maps of ¹³⁷Cs pollution of Ukraine. After that we have created the of districts of Kyiv region suitability to produce quality and safe products on the density of cesium contamination — ¹³⁷.

The skeleton map analysis of Kyiv region farmlands suitability on the density of cesium contamination — ¹³⁷ has shown that the northern areas are unsuitable - Poleissky, Ivankivsky, Vyshgorodsky which are the most affected by the Chernobyl accident. We can also claim that Bilotserkivsky, Rakitnyansky, Stavishchensky and Tarashchansky areas are locally contaminated and therefore partly unsuitable for creating farmlands.

All the other right bank areas can be attributed to the category of "partially suitable". They are Borodyansky, Kiev Svyatoshinsky, Makarivsky, Vasylkivsky, Obukhivsky, Kagarlyksky, Fastovsky, Skvyrskyi, Volodarskiy, Bohuslavsky, Myronivsky, Tetiivsky.

The areas practically not contaminated with cesium - ¹³⁷ are located on the left bank of the region - Brovarsky, Boryspilsky, Baryshivsky, Zghurivsky, Yagotinsky, Perejaslav-Khmelnitsky.

An important aspect of our work was to determine whether the technologies to produce products and materials were environmentally friendly. It is proved that under the influence of technology we can change agrophysical, physico-chemical,

agrochemical indices of the upper soil layers; the activity of horizontal and vertical migration of chemicals; accumulation of pollutants in the upper soil layers; structural and functional composition of soil biota; flora and fauna of the ecological community; technological, biochemical, hygienic indicators of products quality; productivity of crops.

The effects have identified the major environmental risks: soil degradation (decreased fertility, enhance of the erosion process, contamination of the upper layers with harmful substances, etc.); pollution of surface and ground water, acceleration of the ponds eutrophication; loss of biodiversity; deterioration of product quality.

Considering the above, we have developed a procedure for environmental impact assessment of the technologies. It was determined that the environmental impact assessment of the technologies should be carried out due to the system of indicators and standards which take into account their impact on ecotoxicology, agrochemical, hydrochemical state of agroecosystems, product quality, crop productivity. According to the defined parameters the assessment of the technologies is done in 4 classes. The range of parameters within the classes has to be defined according to the norms with the quantitative parameters established by adapting current norms considering classical ecological approaches to ecological normalisation.

The procedure of ecological examination ought to imply monitoring of availability and plenitude of the necessary materials (preparation stage); the analysis of the materials of ecological examination and, if necessary, full-scale study to conduct comparative analysis and in-part assessment of the degree of ecological safety, sufficiency and efficiency of ecological evidence (main stage); summarising of separate expert examinations, obtained information and the impact of applying the technology, preparation of the findings of ecological examinations and its transmission to the interested authorities and individuals (final stage).

Practically all the issues were dealt with, however, in practice a multitude of other problems may emerge.

It is commonly known that employment of preparations — pesticides and agrochemicals — is considered to be the most dangerous technological operation.

Mineral fertilizers as an inevitable part of modern agrotechnologies do not possess pronounced toxic properties, although many of them contain components (heavy metals, radioactive elements, fluorine, etc.), capable of cumulation and biological amplification, having remote toxic effects on soil biota as well as on human health.

The analysis and summarising of experimental and literary data enables the highlighting of the main negative effects that can appear while employing agrochemicals and be the direct or indirect reason for deterioration of the state of the groundwater system as well as the contiguous ecosystems. These can include poisoning soil with an excessive quantity of potentially dangerous chemical agents; impact on the biological activity of the soil; influence on the radial and lateral migration of biogenic and toxic elements; the change of the acid-base properties of the soil, etc .

Therefore, the combination of two components — the agricultural land utility assessment and an agrotechnology ecological examination — is advisable for acquisition of the quality and safe produce that enables us to use the agroclimatic potential of the area to the full, avoid the negative impacts of the anthropogenic activities, obtain the quality and safe vegetable produce, and save the environment.

The total sound intensity level L , which creates multiple noise sources with the same level L_1 , calculated by the formula

$$L_c = L_1 + 10 \lg N,$$

де N – sources of.

One of the main sources of noise in cities is road transport. The noise of traffic depends on the transport, traffic, condition covering the streets. The levels of noise pollution in urban areas of the main sources of noise may be filed in the twelve system (Table 6.2).

The magnitude of the noise that is generated transport stream, depending on speed, traffic and vehicle types. The level of noise that make cars, they are divided into three groups:

- cars;
- Cargo carburetor;
- transport diesel.

The expected noise level determined by the formula

$$L = 44,4 + 0,268V + 10 \lg \left(\frac{N_1 + 4N_2 + 8N_3}{V} \right) + \sum_{i=1}^n P_i,$$

де V - speed of the car, km / h;

N_1 – the traffic cars, h⁻¹;

N_2 - the traffic truck gasoline cars, h⁻¹;

N_3 - the traffic commercial diesel, h⁻¹.

• n

$\sum P_i$ – the amount of amendments that takes into account the location.

territories $i=1$ predicting noise (in the first approximation these. negligible as amended)..

For noise ratio find social dangers of noise pollution site

$$T_i = 0,04 (L_i - 55) H_i$$

де L_i – Noise in the territory, which exceeds the maximum permissible level of 55 dB;

H_i - the number of people exposed to noise.

Integral Social Security figure noise pollution determined by the formula

$$T = \sum_{i=1}^m T_i.$$

Noise adversely affects the human body as a whole and especially the central nervous system, causing a decrease in attention, slowing and speeding up the body's response fatigue.

To reduce the harmful effects of noise on workers depending on the type of set it permissible levels in the workplace. Equivalent noise level considering acceptable levels for all frequencies shall not exceed:

- 50 dB - in rooms design offices, laboratories
- 60 dB - in areas to manage and working rooms;
- 80 dB - in production facilities for permanent jobs, experimental laboratories.

Reducing noise levels indoors achieved through:

- noise reduction at the source of its formation; isolation of noise sources;
- architectural and design solutions;
- use of personal protective equipment.

Objectives:

1. Vyznachyty noise traffic consisting of cars, trucks gasoline and diesel vehicles;

2. Assess factor of social hazards of noise pollution. Take notation: velocity - V ; traffic - N , the share of cars - K_1 ; truck gasoline - diesel trucks and $K_2 - K_3$, the number of people living in the area - H_i .

Variants individual tasks

№	Speed of the car V , km/h	Intensity of movement tN , per hour	Share of cars			The number of people living in the area of noise, H_i
			passenger, K_1	freight carburetor, K_2	freight diesel, K_3	
1	30	800	0,65	0,25	0,10	1000
2	35	800	0,60	0,20	0,20	1100
3	40	800	0,70	0,20	0,10	1200
4	45	800	0,80	0,15	0,10	0300
5	50	800	0,90	0,10	0,10	1400
6	55	800	0,70	0,05	0,05	1500
7	60	800	0,90	0,10	0,20	1600
8	55	1000	0,85	0,05	0,05	1700
9	50	1000	0,80	0,10	0,05	1800
10	45	1000	0,75	0,15	0,05	1900
11	40	1000	0,70	0,15	0,15	2000
12	35	1000	0,65	0,15	0,20	2100
13	30	1000	0,60	0,20	0,10	2200
14	35	400	0,70	0,20	0,10	2300

15	40	400	0,60	0,25	0,05	2400
16	45	400	0,85	0,20	0,10	2500
17	50	400	0,75	0,10	0,05	2400
18	55	400	0,65	0,05	0,05	2300
19	60	400	0,85	0,15	0,05	2200
20	55	1500	0,90	0,15	0,10	2100
21	50	1500	0,85	0,20	0,15	2000
22	75	1500	0,80	0,20	0,20	1900
23	40	1500	0,75	0,10	0,10	1800
24	35	1500	0,70	0,05	0,15	1700
25	30	1500	0,65	0,05	0,10	1600
26	35	600	0,70	0,15	0,10	1500
27	40	600	0,75	0,15	0,10	1400
28	45	600	0,80	0,15	0,10	1300
29	50	600	0,85	0,10	0,05	1200
30	55	600	0,90	0,05	0,05	1100

Conclusions: _____

QUESTIONS:

1. What is an industrial environment?
2. What are the main elements of the industrial environment.
3. Describe the meteorological factors.
4. What factors characterizing microclimate of home?
5. What is the role of microclimate regulation?
6. What are allergens? How will they influence on the climate?
7. What are the main recommendations to reduce exposure to allergens in the domestic environment.
8. Describe the lighting requirements for the workplace.
9. What is the noise?
10. Give characteristics of areas and levels of noise pollution in cities.
11. What are the main characteristics of the work with the PC?
12. What preventive measures when working with computers.
13. According to the Rules of fire safety in Ukraine which are major organizational measures to ensure fire safety?

14. What are the main activities of the persons responsible for fire safety?
15. What is fire protection system?
16. What is the fire safety facility?
17. What are the main sources of ignition protection?
18. What is the chemical safety?
19. Which countermeasures include restricting agricultural activities, temporary relocation of the population, limited use of radioactively contaminated water and food?

Topic. Chemical security.

Practical class No. 7. The environmental risk assessment. Identify the environmental risk assessment of pesticides in different climatic zones of Ukraine.

Purpose. Familiar with integral indicator that characterizes the potential contamination of agricultural landscape, learn to identify the risk of pesticides used in growing crops.

Objectives:

1. Determine the risk of pesticides used in growing crops using ahroekotoksykolohichnoho index (AETI). .

General questions

For an objective assessment of pesticides used in different climatic zones of Ukraine for growing crops used integrated classification. According to this classification pesticides are characterized by an integral factor, which takes into account the toxicological and hygiene (category A) and ecotoxicological aspects (category B).

Category A describes the dangers of pesticides at: chronic action; poisoning; skin irritation; irritation of the upper respiratory tract; allergic action and others. Chief among them is the LD50 - dose that causes 50% of deaths of animals when injected into the stomach.

Category B describes the dangers of pesticides ecotoxicological indicators: biokumulyatsiya in the migration of pesticides in surface, water and soil ecosystems;

migration in the soil profile; in the soil - plant - water – air; phytotoxic action; improving the nutritional value of products, the effect on soil biocenosis; toxicity to beneficial insects, fish; the formation of toxic degradation products; the maximum level (MRL), etc. The half-life (T_{50}), that period (in dobah), for which the amount of toxic substances in the test object is reduced by 50%, is the main criterion for category B.

Pesticides are considered practically safe if LD_{50} dose greater than 1000 mg/kg, and T_{50} - less than 3 days. In each category, provides for the distribution of drugs in four classes: I - dangerous; II - dangerous; III - moderately hazardous; IV - little dangerous. Integral classification can be represented by a scale of 7 degrees of danger, defined by the formula

$$C_H = (K_A + K_B) - 1,$$

де C_H - the degree of danger the drug; K_A i K_B – hazard classes of pesticides in categories A and B.

According to the formula, integral degree of risk expressed natural integer from 1 to 7 and pesticides describes thus: dangerous - the gravity of 1 and 2; dangerous - 3; moderately dangerous - 4 and 5; little dangerous - 6 and 7.

To assess the level of risk and prognosis contamination with pesticides was used a model that includes three parameters: the properties of drugs, quantitative load them into and intensity decay in specific soil and climatic conditions. An indication of the range of features pesticides used is the average degree of danger (Q), which is calculated by the formula:

$$Q = \frac{\sum_{i=1}^{i=n} C_{Hi} \cdot m_i}{M},$$

C_{Hi} – the degree of danger integrated pesticide;

m - the amount of pesticide that will be used or applied, kg;

M - the total number of all pesticides, kg.

Averaged load pesticides on the farm ecotoxicological measured dose (D):

$$D = \frac{MS_{06}}{163} \quad \text{кг},$$

де: S_{op} – the total arable area, ha; $S_{об}$ – area, which is processed, ha.

Tolerance territory to pesticide load capacity index is estimated to land clean (Izon). This figure reflects the intensity of pesticide degradation depending on soil - climatic conditions and varies from 0.1 to 1.

Potential pollution (V) assess agricultural landscape integral indicator that considers three options:

$$V = \frac{D}{QI_{30H}}, \text{ conventional kg / ha}$$

The risk of pesticides used in growing crops, was described by ahroekotoksykolohichnym index – AETI

$$AETI = \frac{10 V (1+V)^3}{(1 + V)^4 + 5000}$$

AETI characterized by values from 0 to 10: a little dangerous - 0-1; medium dangerous - 1-4; increased danger - 4-8; highly dangerous - 8-10.

When planning measures to protect chemical plants grown in the economy should pick up the range of pesticides and their total consumption per unit of arable area so that the value AETI were as little as possible and would not exceed the value of 1. If more than one AETI, control of the actual content pesticides in food crops and agro-ecosystems sites is a must.

Variants individual tasks

№	Pesticides that used	Index purification, I_{30H}	Total arable area, ha (S_{op})	Area, which is processed, ha ($S_{об}$)
1	1,3,5,12,13	0,3	0,6	0,1
2	1,2, 6,8,12,13	0,5	0,4	0,08
3	1,5,7	0,8	0,5	0,1
4	3,4	0,55	0,1	0,09
5	7,12,13	0,2	0,1	0,06
6	4,4	0,5	0,4	0,045
7	4,12	0,8	0,15	0,04

8	1,4,8,12,13	0,55	0,3	0,07
9	2, 6,8,12,13	0,2	0,4	0,08
10	3,5,12,13	0,8	0,5	0,1
11	2, 12,13	0,55	0,1	0,4
12	1,12,13	0,2	0,1	0,15
13	4,8,11,13	0,5	0,4	0,3
14	2,9,12,13	0,8	0,1	0,4
15	6,8,11,13	0,8	0,4	0,5
16	6,8,12,13	0,3	0,15	0,1
17	9,12,13	0,55	0,3	0,4
18	7,10,12	0,4	0,4	0,15

Conclusions: _____

QUESTIONS:

1. What is an industrial environment?
2. What are the main elements of the industrial environment.
3. Describe the meteorological factors.
4. What factors characterizing microclimate of home?
5. What is the role of microclimate regulation?
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15. What is fire protection system?
16. What is the fire safety facility?
17. What are the main sources of ignition protection?
18. What is the chemical safety?

19. Which countermeasures include restricting agricultural activities, temporary relocation of the population, limited use of radioactively contaminated water and food?

20. Which organization regulates work with radioactive materials at the national level?

21. Which organization regulates operation with radioactive substances at the international level?

22. What type of radiobiological effects include the formation of cancer in the body tumors?

Topic. Social environment of human residence.

Practical class 7. Determination of the individual types of behavior in conflict situations.

Purpose. 1. Zasvoyity main provisions of the "man in the environment. Man in a social environment "theoretical rate discipline" Safety ".

2. Acquire skills using self diagnostic psychological tests for self.

3. Identify possible predisposition to conflict behavior and its types, subject to a conflict.

Task. 1. Oznyomytysya with the general concept of "conflict", "types of conflicts", "ways of solving conflicts", "types of behavior in conflict situations on the model of Thomas."

2. Familiar with the principle of psychodiagnostic testing.

3. conduct testing to determine whether you are a personality conflict and typical form individual behavior in conflict situations.

4. Prepare a report in the form of conclusions.

5. Obtain skills on the way to resolve conflicts.

Terms

The conflict – a clash of opposing interests, views, controversial, complications, fighting the warring parties and the different levels of the participants.

There are two forms of course conflicts:

- open - outright confrontation, collision, struggle;

- latent or closed when no outright opposition, but does not stop the invisible struggle.

The goal of conflict resolution is to achieve a conflict-free ideal state where people live and work in perfect harmony, which is almost impossible.

To determine the types of behavior in conflict situations using two-dimensional model of regulation conflicts K. Thomas determining dimensions which are:

- Cooperation, connected with the person's attention to the interests of other people involved to the conflict;

- Assertiveness, characterized by a focus on protecting their own interests.

There are 5 types of regulation conflicts:

1. Racing (competition) - to achieve satisfaction of their interests to the detriment of another.

2. Adaptations - sacrifice their own interests for the sake of the other.

3. Compromise - agreement of understanding with the enemy reached by mutual concessions.

4. Avoidance, which is characterized as a lack of willingness to cooperate, and tendency to achieve their own goals.

5. Co-situation when participants come to a common solution that fully meets the interests of both parties.

Essay on "Explain the highest and lowest factor" Having made a statistical assessment of dangerous and harmful factors for human life, I have made some conclusions. At the moment, there are some very serious factors in this table, but less important ones. AIDS, the presence of radioactive substances in the air, water, soil, and drugs are the factors that I think are dangerous and harmful to human life. For example, because of the presence of radioactive substances in important components of our earth, serious, complex illnesses are likely to occur, with the likelihood of a fatal end. Drugs have always been dangerous. Due to their use, people can get AIDS, hepatitis, purulent injuries, sepsis, head trauma. Also, it would be correct to add to this table a factor such as "the error of doctors in the treatment and conduct of operations", because at the moment in the country there is not enough developed

medicine, which is why both children and adults die. Increasing and decreasing atmospheric parameters, personal problems and worries, sports and mass events are the factors that I do not consider to be of great harm to the health and human body, they are not significant. According to statistics, "demographic situation in Ukraine in 2017-2018" among the causes of death of the population is the first place diseases of the circulatory system, neoplasm, external causes of death. Therefore, you may think that my assessment is partially correct, but the judgment depends on the subjective attitude.

Having read articles on the Internet, I found information that poverty in Ukraine, as well as in other countries with economies in transition, is a significant reduction in the income of the majority of the population, while maintaining a relatively high social status (level of education, qualifications, and social ties) . To overcome poverty in Ukraine, the following changes need to be implemented:

- in the political sphere, to remove the oligarchs and their puppets from power;
- in the economic sphere, to make the basic model innovative instead of the current raw material;
- in the social sphere, not to oppose a person to society, but to show genuine concern for him, without limiting his rights and freedoms, to guarantee the opportunity to obtain quality education and medical care, as well as employment, creating new jobs;
- to provide state support in the production sphere for the development of energy-intensive, energy-saving technologies in industry and agriculture;
- in the sphere of state regulation of the economy, to create an effective monetary and financial system;

Even teenagers who are expectant parents with a young body that is addicted to smoking and that is over 15% in Ukraine. And in my opinion, we need to influence that. Also, smoking has a significant impact on the quality of life: children who start smoking from 8-10 years of age will not reach the average life expectancy of 6-8 years;

- A 35-year-old smoker will live 5 years less than her non-smoking habit;

- A 35-year-old smoker will live 7 years less than a non-smoker.

I believe that the most dangerous factors for human life are: 38-Infectious diseases. Outbreaks of infectious diseases in a particular area are very dangerous, and in a short period of time the infection can spread over a large area, which can lead to great human losses.

Road transport. During our lifetime, the number of cars is increasing and almost every day there is a large number of new drivers. Every day in the world due to the inattention of pedestrians or drivers, a large number of people are killed and no one is warned.

Nuclear Power Engineering. At this stage of humanity's development, many factories, stations, factories need to be built to fully provide everything necessary to man. There are now many stations. Working on natural energy, but also retarding those operating on atomic energy, it carries great danger for all living organisms that are and live near such stations. Because during breakdown or overload, this energy can explode and cause a large amount of radiation to be released into the air and this will directly affect people's lives. I also think that safer factors for a person's life are: 1-Increase in prices. I do not think that raising prices will not fundamentally affect a person's life, but will affect only his financial situation, but there are no risks to a person's life.

Surgical intervention.

Medicine is rapidly evolving and many professional surgeons are released every year, and even the most complex operations today do not pose any risk to the patient.

House injuries. Everyone has experienced some unpleasant traumas or fractures, but this has not been significantly affected by the life and development of the individual, so it is not a great danger to human life.

For this work, I have chosen the following factors that can be life-threatening: alcohol consumption, domestic violence, poor food use, natural disasters, food poisoning, and radioactive substances in the environment. I would like to start with the factor that in my opinion is the least threatening - the use of poor quality food.

We have been told many times about the importance of using fresh, proven food. And more than once, we have had to watch for ourselves or for other consequences of not meeting such requirements. Undoubtedly, poor food causes some damage to our body, but modern medicine can quickly eliminate the effects of misuse.

The same can be said about food poisoning, which has a low mortality rate due to medication and timely treatment, so the danger is not critical. Next, I would like to address a factor such as domestic violence. We all know that a person's personality has been formed since childhood. Therefore, it is quite obvious that by watching the violence in their environment, the child's psyche can be severely affected. The same can lead to various problems in later life, starting with internal conflicts and ending with various types of deviant behavior. And this is a great threat to society. After the violence, I quit drinking. The danger of this factor lies in two things. First, it is a completely individual reaction of our body to alcohol consumption. Secondly, it is the appearance of addictive behavior, subject to constant use, which may subsequently flow into other types of deviant behavior, such as delinquent, that is, crime. The following are, in my opinion, the most dangerous factors - natural disasters and radioactive substances in the environment. Their danger is explained by the fact that, unlike the previous ones, a person cannot control them, which is why the mortality rate in such cases is critically high. And even if current technologies help us determine the likelihood of natural disasters and ways of avoiding them, then radioactive substances are another matter. It is impossible to predict what will be the reason for their presence, and when they do get into our environment, the consequences are always unlikely to be high mortality.

The most dangerous factors for human life:

Murder is the forced end of biological life. You can be killed by both action and inactivity - for example, failure to provide medical assistance or the provision of a non-qualified specialist in false care. In my opinion, abortion, which is legal in Ukraine, is the most common murder and is often abused by women. And damage is called violation of the anatomical integrity of tissues, organs and their functions, which arises due to the action of external damaging factors. Because of this, not

every person passes every day. From a slight stroke, the pain of which subsides within minutes, to life-threatening. And to the extent that any subsequent damage is significant to the individual, it is also quite dangerous to health.

Least harmful factors for human life:

Presence of radioactive substances in food supply:

Up to 80% of harmful substances enter the human body with food and drink. These include compounds that, therefore, in my opinion, the small amount of radioactive substances in the food supply practically do not harm the life and health of man.

Even a person is slightly radioactive because there are traces of radioactive substances in any living tissue. In such living conditions and with such food our ancestors lived and lived a short period of life. Therefore, in my opinion, the small amount of radioactive substances in the diet does not practically harm the life and health of the person.

Diagnostic radiation:

Radiation is used in medicine for both diagnostic and treatment purposes. One of the most common medical devices is the x-ray machine. New and sophisticated diagnostic methods that rely on the use of radioisotopes are also becoming increasingly common. One of the means of cancer control is known to be radiation therapy. Therefore, it is worth mentioning not only as a "pest" for human health, but also as a "doctor" and a "savior."

Each of us is surrounded by various dangers. Some of them are relevant to the majority of the population. For example: pollution, terrorism, personal injury and more. And some on the contrary - only for certain groups of people. As for me, I have highlighted a few major dangerous and harmful factors for my life. The first is AIDS, as Ukraine is the leader in Europe for the spread of HIV, which leads to this disease. The second is the presence of chemicals in the environment, because now the environmental status of air, water and soil is significantly degraded due to chemical pollution. Thirdly, the lack of necessary food, because at the moment I am not eating

properly and this is having a detrimental effect on my health. As it turns out, there are dangers that do not threaten me.

First, I am not harmed by drugs because I do not use them. Secondly, I do not suffer from domestic violence because in my family, no violence has ever been tolerated. And thirdly, my life is not threatened by reservoirs, because I do not visit them. I have come to the conclusion that people cannot always protect themselves from the dangers, because sometimes dangers for people are created by other people. Having made a statistical assessment of the dangerous factors, I came to some conclusions. The most valuable is our life. Military action involves the deliberate loss thereof. Having rated this factor at 40 points, I wanted to draw attention to this problem. This topic is very relevant today especially for Ukraine. As of August 2017, according to the UN, since the beginning of the Donbas conflict in April 2014, there were 10225 dead and 24541 wounded as a result of the fighting. This number includes Ukrainian servicemen, members of pro-Russian armed groups, and civilians. It is difficult to understand that our compatriots die every day. But thank them very much and "thank you"! Terrorism - in the broad sense of the use or threat of violence for political, religious or ideological purposes. Conscious, deliberate use of terror by hostage-taking, arson, murder, torture, intimidation of the public and authorities, or other harm to the life or health of otherwise innocent people or threatening to commit criminal acts for the purpose of achieving criminal, in view current government, goals. This factor is extremely dangerous because it threatens the very civilian population. So I rated it at 39 points. In the first place I have sports and mass events. Since I play sports, I can assure you that it is very useful and does not carry any threat. On the contrary, it helps to keep our physical health in tune. It is important not to be lazy, and at least in the morning to do elementary charging and everything will be fine. This factor is rated at the lowest score of 1. Personal problems and concerns are rated at 2 points. I think this factor does not pose any threat. After all, it requires as much personal analysis as possible. The main thing is not to lower your hands and clearly go to the goal, passing these problems with dignity. Therefore, this factor is the least dangerous unless you are naturally depressed. In conclusion, I would like to

quote the following opinion: "Action will not always lead to happiness, but luck can only lead to action" Benjamin Disraeli, former Prime Minister of Britain

Life is quite unpredictable and carries with it many situations that can harm a person's health or even life regardless of his actions. After analyzing forty life-threatening factors, I ranked radioactive radiation in the environment and in food as my first priority. It is no secret that after the accident at the Chernobyl Nuclear Power Plant, the number of oncological diseases has increased significantly. Two members of my family took cancer and I had to watch the disease. Today, scientists are arguing about a genetic predisposition to cancer. Whatever, but death in such anguish is the worst for me. Next I put the murders and intentional damage. I am often forced to return home late at night, and the possibility of an attack, for example, with a view to robbery, is quite likely. In the third place can be attributed car accidents. This is a very common disaster that can happen to anyone at any time, and most often due to carelessness or drunken driving. In my opinion, sports and mass events are the least dangerous. They do not carry dangers, they even develop the population, except for casual injuries inherent in certain sports. But when one agrees to participate in such an event, they know what it is about. Next, I can supply drugs. Yes, this is a very common problem in today's society. I have never used drugs, so I do not consider them to be a dangerous factor, like suicide. This is the most ridiculous step that I would never have taken under any circumstances. There are no unsolved problems that cost more than life. Therefore, we must do everything in our power to avoid dangerous situations not only for ourselves, but also for others. After all, our lives also often depend on other people.

Poor food.

Stale and substandard foods can lead to various diseases, including cancer. More than 20,000 people suffer from a stomach disorder every day on the planet and most often get to the hospital, which can even lead to death.

Military action.

It is the most dangerous and destructive factor that daily kills hundreds of thousands of people including civilians. There are wars of war all over the world,

which is why it is extremely dangerous for the entire planet. Just imagine for a second that if one of the nuclear-armed nations drops a nuclear or water bomb into the Mariana Basin, it could destroy the entire planet Earth, and that is a scientifically proven fact. the inevitable destruction of the ecology of the world and the soon-to-be destruction of the planet you and the complete extinction of humanity

Bathing is less dangerous than others because there are very few fatal cases in swimming pools and reservoirs, but there are exceptions when people are intoxicated or intoxicated. small.

railway transport

to date, rail is hardly a dangerous factor because modern trains are equipped with the latest technologies that fully provide for safety.

The presence of radioactive substances in water, soil, air

In my opinion, this factor is almost not dangerous, because the human body is already fully adapted to the presence of radiation in everything that surrounds us. This is the reason why less than 60 people die from radiation and environmental pollution in Ukraine. I think this is the least dangerous factor.

Statistical evaluation of dangerous and harmful factors for human life I believe that the most dangerous factors for human life are: 38-Infectious diseases. Outbreaks of infectious diseases in a particular area are very dangerous, and in a short period of time the infection can spread over a large area, which can lead to great human losses. 39-Road transport. During our lifetime, the number of cars is increasing and almost every day there is a large number of new drivers. Every day in the world due to the inattention of pedestrians or drivers, a large number of people are killed and no one is warned. 40-Nuclear Power Engineering. At this stage of humanity's development, many factories, stations, factories need to be built to fully provide everything necessary to man. There are now many stations. Working on natural energy, but also retarding those operating on atomic energy, it carries great danger for all living organisms that are and live near such stations. Because during breakdown or overload, this energy can explode and cause a large amount of radiation to be released into the air and this will directly affect people's lives. I also think that safer

factors for a person's life are: 1-Increase in prices. I do not think that raising prices will not fundamentally affect a person's life, but will affect only his financial situation, but there are no risks to a person's life. 2-Surgical intervention. Medicine is rapidly evolving and many professional surgeons are released every year, and even the most complex operations today do not pose any risk to the patient. 3-House injuries. Everyone has had some unpleasant traumas or fractures in their lives, but this has not significantly affected the life and development of humans, so it is not a great danger to human life.

Murder is the forced end of biological life. You can be killed by both action and inactivity - for example, failure to provide medical assistance or the provision of a non-qualified specialist in false care. In my opinion, abortion, which is legal in Ukraine, is the most common murder and is often abused by women. And damage is called violation of the anatomical integrity of tissues, organs and their functions, which arises due to the action of external damaging factors. Because of this, not every person passes every day.

From a slight stroke, the pain of which subsides within minutes, to life-threatening. And to the extent that any subsequent damage is significant to the individual, it is also quite dangerous to health.

Terrorism:

With the onset of aggression by the Russian Federation, the problem of terrorism has become particularly relevant in Ukraine. The dynamics of the increase in the number of terrorist crimes committed cannot but disturb Ukrainian society. However, statistics that can testify to the low performance of law enforcement agencies in Ukraine are equally worrisome. These data indicate a high threat to human life and health in Ukraine.

Least harmful factors for human life:

Presence of radioactive substances in food supply:

Up to 80% of harmful substances enter the human body with food and drink. These include compounds formed in the process of cooking and cooking, food additives, and side contaminants. Even a person is slightly radioactive because there

are traces of radioactive substances in any living tissue. In such living conditions and with such food our ancestors lived and lived a short period of life. Therefore, in my opinion, the small amount of radioactive substances in the diet does not practically harm the life and health of the person.

Diagnostic radiation:

Radiation is used in medicine for both diagnostic and treatment purposes. One of the most common medical devices is the x-ray machine. New and sophisticated diagnostic methods that rely on the use of radioisotopes are also becoming increasingly common. One of the means of cancer control is known to be radiation therapy. Therefore, it is worth mentioning not only as a "pest" for human health, but also as a "doctor" and a "savior."

Conclusions: In my opinion, the most dangerous for a person's life are the factors with a rating from 40 to 35, namely: fires, terrorism, hostilities, killings and intentional injuries, AIDS, narcotic substances.

Fire is not a controlled burning outside a special fire, which spreads over time and space and threatens the life and health of people, the environment, and leads to material damage.

For 2019, the number of fires increased by 22.1%, including in the fields of cereals and industrial crops (an increase of 2.3 times), the field peat by 19.1%.

The death toll from fires increased by 4.8%, the death toll from fires increased by 4.8%, and the number of fires injured by 1.9%. The number of children and adolescents under the age of 18 who died as a result of the fires increased by 31.3%, the number of children and adolescents under 18 years injured by the fires decreased by 3.8%. Material losses from fires increased by 39.6%, the number of destroyed and damaged houses increased by 3.8%, vehicles by 4.7%. Material losses from fires amounted to 7 billion 265 million 116 thousand hryvnias. On average, there are 272 fires per day in Ukraine.

War and terrorism, in fact, represent the complete decline of humanity; they undermine and limit the values that underpin human rights.

With regard to drug use, this is the worst problem for humanity. Man kills himself. Within 2-3 years, drug use will lead to complete exhaustion of the body. The person becomes thin, his skin gets a yellowish tint, the nail fragility appears, the hair begins to fall out, full and irreversible impotence. It loses the ability to even the slightest physical and mental strain. Premature aging comes with signs of dementia.

Completely lose their previous feelings and interests, the only concern is getting the drug at any cost. There is a final moral and intellectual degradation - a complete disintegration of the individual. A man who is addicted to drugs is gradually entering the criminal environment. The world of drug addicts and crime is cruel, and human life is worthless. It is well known that in order to raise money for drugs, addicts have to steal, rob people, sell and engage in prostitution.

Drugs and crime are paired. Of course, everything in life starts with petty shoplifting or pickpocketing, and ends with more serious crimes - robbery, robbery and violence.

Factors number 1 to 5 are least harmful to a person, namely: food poisoning, poverty, personal problems and worries, price increases, national conflicts. Some of these factors can usually cause discomfort and problems in people's lives, but they are usually not as life-threatening as those presented above.

Having made a statistical assessment of the dangerous factors, I came to some conclusions. The most valuable is our life. Military action involves the deliberate loss thereof. Having rated this factor at 40 points, I wanted to draw attention to this problem. This topic is very relevant today especially for Ukraine. As of August 2017, according to the UN, since the beginning of the Donbas conflict in April 2014, there were 10225 dead and 24541 wounded as a result of the fighting. This number includes Ukrainian servicemen, members of pro-Russian armed groups, and civilians. It is difficult to understand that our compatriots die every day. But thank them very much and "thank you"! Terrorism - in the broad sense of the use or threat of violence for political, religious or ideological purposes. Conscious, deliberate use of terror by hostage-taking, arson, murder, torture, intimidation of the public and authorities, or other harm to the life or health of otherwise innocent people or threatening to commit

criminal acts for the purpose of achieving criminal, in view current government, goals. This factor is extremely dangerous because it threatens the very civilian population. So I rated it at 39 points. In the first place I have sports and mass events. Since I play sports, I can assure you that it is very useful and does not carry any threat. On the contrary, it helps to keep our physical health in tune. It is important not to be lazy, and at least in the morning to do elementary charging and everything will be fine. This factor is rated at the lowest score of 1. Personal problems and concerns are rated at 2 points. I think this factor does not pose any threat. After all, it requires as much personal analysis as possible. The main thing is not to lower your hands and clearly go to the goal, passing these problems with dignity. Therefore, this factor is the least dangerous unless you are naturally depressed. In conclusion, I would like to quote the following opinion: "Action will not always lead to happiness, but only action can bring happiness," Benjamin Disraeli, former Prime Minister of Britain. Based on the sociological approach, I conducted a statistical assessment of the dangerous factors for human life and using the point system reached certain conclusions. Personally, murder and intentional harm to me is a very dangerous factor. After all, no one has the right to harm or take one's life. That's why I rated it 40 points. As far as I am concerned, rail is the least dangerous. There are two main arguments: - it moves along a strictly dedicated lane and, unless a failure occurs in the control service, another train cannot suddenly appear, unlike the same aircraft and ships, not to mention cars; - it moves on the ground, so even in the event of an accident, the probability of escape is much higher than if you are in the air or on the water. Therefore, I evaluated this factor at 1 point. 38 and 39 - AIDS and suicide. After all, AIDS is a plague of the 21st century. And suicide - according to statistics shows very poor results. According to WHO, every 40 seconds in the world, someone voluntarily parted with their lives. Approximately 800,000 people become victims of suicide annually, most often in developed and wealthy countries. According to the WHO rating, Ukraine is one of the countries with high suicide rates. At the same time, over the past few years their number has increased - including at the expense of former military According to the World Health Organization, in 2000 in Ukraine per

100 thousand population accounted for 29.6 suicides. After 10 years, their number dropped to 18-19, but in the last couple of years it has again increased and exceeded 20 suicides per 100 thousand people. But in the case of Ukraine, another category of people is added - current and former military. I appreciated the prices and the reservoir in 2 and 3 points. I can explain my point of view in that I do not consider it a global problem to raise the value of anything, because it is the main health, not the material component. Moreover, prices raise it, then lower it again. Water reservoirs are a danger, of course, but with such a level of agitation, coaching, etc. it is difficult not to know the rules of behavior on the water, and even more so it must suffice the mind not to crawl into an untested reservoir. Here are my top 3 safe and dangerous factors. Of course, my opinion can be denied, but it is mine and... Road transport - today is a big factor in the number of accidents. Transport accounts for the largest number of emergencies, especially with deaths. For example, for me the car is the most dangerous because almost every day I drive on it. It is especially terrifying when the accident happens not because of your fault, but because of another car that has violated traffic rules. In my opinion, the accident has an impact on the emotional state. And it is good that everything ends only with stress and not with death. Infectious diseases - the danger is that we are in a society where diseases are transmitted from infected people - healthy. Everyone cannot avoid infectious disease. Particularly sensitive to diseases in our time, people who have poor immunity. But the worst is infectious diseases that cause death. Domestic violence is the safest factor of all, because I can't even imagine it. Violence is only possible in a disadvantaged family where there is no mutual understanding and respect. To me, this fact is unclear and unacceptable, since relationships in my family are built on respect for one another, so even conflict situations can be avoided. Aviation is a safe factor for me because I don't fly on air. But according to statistics for 2018, 24,000 people were injured as a result of motor vehicle crashes, and there were no accidents in aviation. Aircraft of proven airlines are handled by craftsmen who make no mistakes.

Consider this point important enough, because, first of all, one must understand that he is consuming in his diet and, when necessary, properly adhere to the proportions and recipes of cooking a particular product. In this situation, everything depends on it. To this point in the table I have put only "1" score. In order to avoid food poisoning, we need to keep track of the food and products we consume. Therefore, it is precisely from the above arguments that you can make sure that "Food poisoning" is unnecessary in the table. Why I decided to put suicide, drugs and lack of necessary food the last in the table (statistical evaluation of dangerous and harmful factors for human life) In my opinion, can cause suicidal depression and loneliness. even there is no attention at the next time of a man which you could tell your problems and already take a decision along with it, you can find it i can say what makes me always my life also i will be satisfied with what i have friends and my environment in whole. i was always supported by my parents and i cannot even imagine what it would have been them and what moral injury i would have been if i have been. Therefore, I am 100% sure that all the problems can be solved and that everything in life is only at a certain period of our lives, and it will only be better. I consider that drugs are most parasitic to our brain. the people change the perception of reality, and with every single of this preparation it is much more complex to reject to this reality. Therefore, I am categorically against it. I can say with certainty that my position remains intact for the rest of my life. I know that in some points of our country there is such a problem as the lack of necessary supply products is, unfortunately, this is the case. our country is developed developed. and a person who is a competent person and has a desire to work for money, in my opinion, can realize themselves in any sphere of ours. That is why I have placed this item in 33 places.

Essay What factors have I scored above, what is lower? Human life is full of various events that often happen independently of us and may have different effects on health. Each person in his own way determines which situation is most dangerous for him and which is the safest. I have chosen three more dangerous events that can happen, namely, military action, nuclear power plant accidents, and fire. Why these? I'll try to explain. Military action, in my opinion, is one of the greatest dangers,

because they take away life and health at the same time in a large number of people, deprive homes, tranquility, a fixed way of life. Another danger to humanity is the seemingly peaceful atom, that is, the use of atomic energy. An example is the Chernobyl accident. Fire is a friend, fire is an enemy. And that's really true. You should watch out for it, because if there is a fire, many people have to make a lot of effort to extinguish it, sometimes at a too expensive price ... The safest ones for me are sports and mass events, drugs and smoking, because I am not a cultural advocate mass events, with a distaste for drugs and smoking. I know about the negative impact of these substances on the human body and the addiction that results from their use. Of course, I also agree that it can be very, very dangerous for others. Therefore, everyone can determine which factors are the most dangerous and safe for them. But always remember that health and life are the most valuable things we have.

What are the factors I have set the highest scores, what are the lowest I believe that any activity is potentially dangerous. Some human activities can cause various injuries, diseases, poisoning and even death. Therefore, we must be aware of dangerous and harmful factors in order to establish the conditions for a safe life. In the discipline of work and life, we are tasked with identifying the most dangerous and harmful factors that, in my opinion, are personally harmful to our health. I scored the highest scores for the following factors: 40 - infectious disease, 39- military action, 38- diseases related to the presence of chemicals in the environment. In my opinion, such factors are the most harmful both to us personally and to society as a whole. The safest factors for me are: 1 - sports and mass events, 2 - smoking, 3 - narcotics. These factors do no harm to me, and sports are generally beneficial to us, because sports are a guarantee of health! So, everyone has bad habits and dangerous factors that harm their health and affect the society, but each of them is different and we have to deal with it on our own, in order to reduce the risk of various herbs, diseases and so on.

Panishko Alina, 1902 band

Every day, we face danger, from the weightless, the household, to the one that poses a real threat to our society.

So, considering the table of dangerous and harmful factors for human life, I was able to draw some conclusions for myself. I split these factors into those that are weightless and those that are more global. To the first I attributed the following: reservoirs (bathing, rest), diagnostic radiation, electromagnetic radiation, lack of necessary food, food poisoning, surgery, price increases, personal injuries, sports and mass events, industrial injuries, electric shocks, electric currents, electric shocks price increases, personal problems and worries. Why is that? I believe that these factors do not carry a general risk, but only a group one. The only thing that is missing from the table, in my opinion, is neglect of environmental rights, because now the problem of ecology is too widespread and needs special attention. So, in this table, the factors that do not pose a threat to all of humanity, but only to a specific person or group of people, are unnecessary.

Essay Yaotsinilaterrorism40points, sofor you are the worst in our world, which may happen anytime, you may be able to be afraid of deaths, innocently innocent citizens. In39substantialvalues of warfare, because somethacidia occur in ourcountry, and alas, the usual animal life can be done. An example might be a situation far from far away. Not far away, there was a warehouse of ammunition. But, because of this situation, which happened in the country, it was blown up. I think that the illumination of the problem is more serious than the poverty. Unemployment has appreciated2 points. Therefore, in our world, there are many vacancies, and at any moment we can submit our sum. Who wants to look for opportunities, who wants to look for reasons.

Currently, there are many harmful factors in our society that can damage our health. In Table 1.4 of the statistical evaluation of the dangerous and harmful factors for human life, I would remove (7) poverty, and instead add hunger strike, because it dies faster than poverty. From the list we can exclude (34) personal problems and worries, harmful their impact is minimal, and instead it is better to add genetic diseases because they doom a person to permanent treatment and a difficult life, in most cases they die early. Sports and mass events (31), I think this factor is also unnecessary, except in cases when on these Instead, you can add chemical waste from

factories in the air, water, it threatens not only people but the entire planet. From the table you can remove (20) medicines, in small doses they do not carry the threat, but counterfeit medicines can cause great harm, as people will use them, they will not be helped, and this will affect the development of complications of the disease. Also, in my opinion, there are unnecessary (27) household injuries, deaths through them are rarely recorded, but here work-related injuries such as Buddha's struction, entails not only injury but also deaths. So, our lives are full of different dangers that can happen to anyone and end badly, but compliance with safety and diligent performance of our duties will eliminate these risks.

A person's life is full of dangers. Every day we face various threats that we sometimes create on our own. Having analyzed the dangerous and harmful factors for a person's life, I have identified several basic ones for me. Given the recent events in Kiev, namely the events on the Metro Bridge, I have put terrorism first among the threats to my life. Second place is road transport, because there are some accidents every day, and I do not always follow the rules of the road. And in third place there were domestic injuries, because I'm not a very careful person. In the process of analysis, I also found several factors that are least dangerous for me and my life. As it turns out, I do not suffer from the water because I almost do not visit them. I am also not at risk of domestic violence because it has never been allowed in my family. And the last factor is the use of poor-quality food, because I eat well and make sure I eat. I think it is impossible to live without threats. But analyzing them can reduce their numbers. As an example, start working on dangerous situations that depend on you and that you can still influence

Due to the fact that the table lists 40 harmful and dangerous factors, I propose to consider the three most and least influential in my life so far. 40th place is occupied by road transport. Every day, when I get to study, I am a road user. Unfortunately, the sad statistics prove that many people neglect the rules of safety on the road (traffic rules) and even without being a car driver, I risk becoming a participant in an accident. 39th place - hostilities. We live in a country where hostilities take place. A possible option for the deployment of a military conflict will

continue to threaten the lives and health of a very large number of people, including myself. Killings and deliberate injuries took the 38th place. Unfortunately, walking through the city or just being in your home can put you in a dangerous situation. For example, several years ago, several cars stopped at my house and a firefight began. It was a risk for me and my family. Everyone can experience such situations and it is truly life-threatening. For the items I have the least influence on, 1 place is taken by drugs. For me, the use of this type of substance is unacceptable, so drugs do not threaten my life. 2nd place - poverty. This aspect is not dangerous to my life and health, as I currently live with normal financial support, and I plan to continue my career and be financially independent. 3rd place - domestic violence. I grow up in a family where there is no type of violence (physical, moral, economic, etc.), further convinced that there will also be no problem with violence, so it does not endanger my life.

Looking through the table of statistical evaluation of dangerous and harmful factors for human life, I made conclusions and gave my points to each of the above harmful factors of life. The first place in my "top" is the concept of "natural disasters". I gave him 40 points because it is a waste of many lives and cannot be protected. You never know when or where it will happen. They happen quite often and bear great damage to society. 2nd place and 39 points I put the item "Military Action". It concerns everyone, it's awful. There is a war in Ukraine, many people are being killed and all this is destroying people's lives, the country's economy. Cities and towns are being destroyed. The third place is occupied by item 21 "Narcotic substances". They are dangerous for life and health, destroying people's lives. They are very common in our country and therefore occupy the 3rd place. The most recent places are: "Sports and Mass Activities", "Personal Problems and Concerns" and "Unemployment". Personally, I do not consider these factors to be a threat to human life and health. These problems can be anticipated and solved by yourself. Therefore, the examples given are those that pose a serious threat to human life and health, and are those that do not pose a threat to the individual at all.

Gorul Ilya Oleksandrovich

Essay on "What Factor I Placed in the Table on Pages 12-13" When I was scoring in the Table "Statistical Assessment of Hazardous and Harmful Factors for Human Life", I used the knowledge I gained from the lectures on the discipline "Labor and Life Safety" "And the general knowledge he has acquired throughout his life. The most dangerous harmful factors for human life are: Military actions; natural disasters; murders and intentional injuries; radioactive substances in the environment; poverty; lack of necessary food; unemployment; road transport; national conflicts; terrorism; infectious diseases. These ten Deaths look exactly like this, because in my subjective discretion, these factors alone take away the most human lives in the world. The following are dangerous and harmful factors for human life: The presence of radioactive substances in air, water, soil; the presence of radioactive substances in the diet; the presence of chemicals in the air, water, soil; the presence of chemicals in food; diseases associated with the presence of chemicals in the environment; fires; narcotic substances; smoking; AIDS; suicide. These are the second dozen dangerous factors, because in my subjective discretion they are dangerous and pose a threat to human life every day, but carry less threat than the top ten. Factors that pose a threat to human life include: Nuclear power; consumption of alcoholic beverages; occupational injuries; food poisoning; the use of poor-quality food; domestic injuries; reservoirs (bathing, resting); domestic violence; sports and mass events; diagnostic irradiation. The top ten factors that threaten human life include the factors that are higher, because in my subjective discretion, they are threatening, but not critical. Acceptable harmful factors include: Electromagnetic radiation; electric currents; increase and decrease of atmospheric parameters; Railway transport; medicines; personal problems and concerns; raising prices; surgery; aviation transport. To the fourth dozen factors that can pose a threat to human life, I have included the factors listed above. In my opinion, these factors are the least dangerous than any other. After all, they are the least affected by people.

I evaluated AIDS with the highest baltic that infection of the human immunodeficiency virus occurs in the case of infected material or mucous membranes, or the damaged skin of the human. Also possible intrauterine infection of

the fetus from the infected mother. As well as HIV is multiplied by the lymphocytes and other cells of the organism, it contains virtually all biological fluids (blood, lymph, removal of sex organs, semen, urine, tears, saliva, sweat, and at the same time, to be strained, to be dreaded, Automobile transport assessed the 39 something, which is nowadays more and more accidents, in which Unfortunately, always surviving people. Also majority are played by roads that are inferior to the proper condition. Estimated 1 Ballo qualified an increase in the value of life threatening prices. The personal problem of the problem has given itself an appreciation of 2 points, but I consider it an extraordinary situation that cannot be resolved.

"Why did I score such points when evaluating dangerous and harmful factors in my life?" 1 point Personal problems and concerns. We are all unique, that is, unique in nature and form. Everyone perceives different life circumstances in their own way and responds to them in their own way. We all have different feelings and emotions, and there are no absolutely right or, conversely, wrong people. There are different situations and different people. There is no problem that cannot be solved, either a lack of life experience or knowledge, or a lack of desire to take responsibility for solving a particular issue. 2 points. Lack of necessary food. Each person has his own food and, of course, his list of necessary goods. Since I give up sweet, it will not be a tragedy for me to live a day without chocolate and sugar in tea or coffee. Speaking of baked goods, there should be bread on our table, but if it isn't, it's not a problem either. You can always find a replacement for a particular product, such as putting two eggs and a banana in a muffin dough. 3 points. Railway transport. Low cost of tickets, large and convenient network of routes, saving time and effort when traveling by night express, less chance of delay, more space in the car, not such tight bandwidth control, the ability to take unlimited food and drink - all characterize the advantage of using this transport . My paternal relatives live in Russia. I have traveled with them since childhood, and now I use this transport to travel around Ukraine. The only downside - a long time on the road. 38 points. Military action. War is a disaster that is easy to start and hard to end. Not to list how many innocent people were killed for the sake of peace, how many families were destroyed and how many

thoughts were changed. I really enjoyed relaxing with my relatives. I went every summer vacation there, but when the problems of political and socio-cultural relations between Ukraine and Russia began, my trips broke down. I was not released because they were afraid that when I came to Russia I would be taken away and I would not be able to return. My mother began to believe in the news, saying that their country was the best without asking us about the real events in our country. Lately we have had nothing to talk about and this relationship has come to naught. That's how close people become strangers. 39 points. Surgical intervention. "Previously, magic was confused with medicine, today medicine is confused with magic," says Thomas Sas. Healing is a chance to get on with life, and doctors are the ones who can give it to us. But do you recommend to many who have really studied since their undergraduate years as an expert medical practitioner? Even you will find it difficult to answer this question because, like everyone, you will not be sure of his or her qualifications. Today, to be firmly convinced of your diagnosis, you must visit several public hospitals or one private one. From childhood, I believed that I would be a person who would never fall under the knife, but my belief was destroyed three years ago. I was diagnosed with varicose veins and the only healing was surgery. At that point, I didn't know how happy I was to find this disease in the early stages or cry that it would remain for the rest of my life. The last operation (there were two) I did this winter and I am grateful to the specialists who operated me, because these are people who are in charge of their business. Of course, surgery is always a risk that is difficult to take not only a loved one, but also a surgeon in whose hands is someone else's life. 40 points. Price increase. Money is never enough, and rising prices change the face of human needs. Poor people say that only the rich can live with such prices, but I do not think so. Take, for example, the production of a certain product, with increasing prices, can change the ingredients for cheaper, and thus its quality changes, as well as the demand for it. It is difficult for everyone, but differently. As for me? There are things you can give up and just need, and it takes time to get them.

Repeatedly coming across various facts and articles on social networks, it is often these topics that came to my attention. So I thought it would be urgent to raise these problems and find solutions to them.

Unfortunately, about 1.8 million women are killed every year in Ukraine from domestic violence. These statistics are really impressive. It gets bigger every year ... Unfortunately, this applies not only to adult women, but also to young children who are not known by their parents for guidance, are severely beaten, mutilated and even beaten to death. In fact, this fact is very disturbing, because innocent children are suffering, who have done nothing horrible in relation to others. The parents of these children intentionally intimidate them into physical violence so that children are not told about their ill-treatment. Moreover, it outrages the indifference of the neighbors who live with these families and remain silent while watching the oppression and harassment of the unhappy baby.

Due to this attitude, the children's psyche also suffers, which in the future is accompanied by the use of alcoholic beverages, drugs, as a result of which children even commit suicide.

Suicide is another extremely important problem that is gaining momentum among today's youth.

Because of parents' indifference, children are left alone with their problems. When seeking out-of-home support, teens get in touch with the companies of the same children, making it difficult for them to understand themselves.

The most common causes of adolescent suicide are: inadequate parenting, indifference and cruelty. The two topics are in fact closely related and a consequence of each other.

Personally, on these topics, I have come to the conclusion that we need to be more attentive to social problems and not leave them unattended, because sometimes it is enough support for a person to feel needed and able to get out of a difficult situation. I also cannot ignore such a topic as natural disasters. It is also a very big and scary problem that arises because of many factors, both human and nature in

general. It is much larger and more tragic than previous problems, and it "entails" great losses on the part of mankind.

The effects of natural disasters are also the influence of people who are indifferent to nature, building factories and factories, creating mountains of debris and using fuel, which by its emissions into the atmosphere creates ozone holes, which violate the overall protection of our planet.

There are so many examples of natural disasters that have been repeatedly discussed on television, newspapers and social networks, we all know them well... But, for some reason, we are making extremely small steps to address these problems, which are only becoming more complicated today.

Again, people's indifference works.

Therefore, it can be concluded that until humans begin to act for the benefit of nature, which in turn will benefit humans, natural disasters will only multiply and act more forcefully against humans.

The work of a student at the National University of Bioresources and Environmental Sciences, Faculty of Law (Prav-1905) Anastasia Voloshchuk

Murders and deliberate damages, I believe, is the most dangerous and harmful factor because it deprives people of their right to life. 39. Nuclear power, because it uses radioactive substances, the radiation from which is a threat to life. The worst part is that a person cannot hear or see radioactive radiation and therefore does not feel threatened. During the use of nuclear reactors, a number of man-made disasters occurred, the largest of which was the Chernobyl disaster. Nuclear energy is a non-renewable energy source - it uses nuclear fuel, mostly uranium, whose reserves are not infinite. An important problem remains the storage of radioactive waste - during the operation of a nuclear reactor it will accumulate a large number of radioactive isotopes with significant half-lives, which will continue to radiate for thousands of years. 38. Electric current - the presence of electric current in conductors leads to their heating, changes in chemical composition, and the creation of a magnetic field. The electrical appliances, installations, and equipment that a person is dealing with present a great danger to them, which is exacerbated by the fact that the senses of the

person cannot detect at a distance the presence of electrical voltage, such as heat, light or mechanical energy. Therefore, the protective reaction of the organism is revealed only after direct contact with the electric current. 1. Sports and mass events. In most cases, I think that sports activities are beneficial to people. Danger can be only when the organizers of mass and sports events can not provide law and order in their conduct. 2. Ponds (bathing, resting). The danger can be cold water; muscle fatigue caused by prolonged work without relaxation or continuous swimming in one style; bathing a non-hardened swimmer in low temperature water and more. But in general, swimming is beneficial for humans. 3. Increasing prices in my opinion can only lead to chaos.

I believe that the three most dangerous factors for life are the presence of radioactive substances in the air, water, soil, radioactive substances in the environment and military events. If we talk about radiation itself, one cannot but mention the Chernobyl accident that occurred on April 26, 1986. It was the biggest environmental disaster to happen at 00 hours. 23 minutes when the reactor of the 4th Chernobyl NPP unit exploded.

Large-scale emission of radioactive dust (including iodine 131, cesium 137, strontium 90) rose to an altitude of 1500 m and was carried by wind to Scandinavia, Central and Southeastern Europe, Northern Italy. The Chernobyl accident has claimed a huge number of lives, and its consequences have been terrible not only for Ukraine but practically for the whole world. The exact number of victims of such a catastrophe cannot be calculated. From the figures that can at least shed some light on these horrific statistics, the following can be distinguished: 1. 250 thousand people were evacuated; 2. 134 people present at the block at the time of the accident received radiation sickness; 3. 28 of them died within a month; 4. 2 people died directly from the explosion; 5. According to various reports, the number of victims of the Chernobyl accident can reach 100 thousand people. The event also affected the environment. Many different animals were affected and most of the trees took on the largest share of radioactive dust emissions during the reactor explosion. Agriculture and industry in Europe have been paralyzed by a shortage of staff and equipment. So

there are different situations that can put people's lives in danger or even put them at risk. Considering one of the safe factors, I chose personal problems and concerns, sports and mass events. In my opinion, these factors are safe because they relate to the individual's own life, in which she makes her own choices and solves various problems. One can always ask for advice from someone else, but the choice is always left to her. In my opinion, the most dangerous factors that pose a threat to human life are military action and road transport. Today, Ukraine is going through difficult times in its centuries-old history. The territorial integrity, independence of our state, peace and tranquility on our land were threatened. Today, many Ukrainian families have experienced the horrific effects of the war, having lost their loved ones. People are deprived of their homes, roofs over their heads. Nearly two million Ukrainians are forced to seek new housing, thousands have died as a result of the armed conflict, and hundreds have been officially reported missing. War is always a grief because it comes with the cost of living. Another dangerous factor for human life is road transport. Unfortunately, the daily media is full of negative news about fatal or serious accidents. Accident today is a rather serious problem that requires careful coverage before the masses, its deep analysis and relevant conclusions. Today, almost everyone in their daily lives uses the means of transportation: for work or study, for business or for traveling. Transportation has become an integral part of human life. In the big cities of Ukraine, accidents over the last 24 hours can reach dozens of cases where serious accidents involve injuries and even death of people, disability, property damage and other unpleasant consequences. Almost 1.7 thousand people died on the roads in seven months. Between January and July 2019, 1688 people died in road accidents in Ukraine. That is, on average, 8 people die every day, every three hours - one person. Because human life is contradictory, in it every individual in one way or another self-determines and asserts itself. There are many conflicts in the life course of a person in order to develop the right behavior in different conflict situations, it is important to know what a conflict is and how people come to terms with themselves, people and society. Knowing the nature and causes of conflicts enhances a culture of communication, makes life more peaceful, and more resilient in psychological and

legal terms. It is important that personal problems do not become more global problems. Therefore, it is important to be able to find solutions and the desire to resolve life situations and personal problems and concerns without conflict and constructively.

Statistical evaluation of dangerous and harmful factors for human life (own estimate)

In my opinion, the most dangerous factor for human life is AIDS. It is an infectious disease that is spread across all continents of the Earth and causes tens of thousands of diseases. The disease spreads with incredible speed. No person is immune to HIV infection. Unfortunately, to date, scientists have not found effective means of preventing AIDS treatment. An analysis of official data shows that Ukraine is ranked 6th in the world in the spread of HIV.

The second factor is murder and willful damage. The results of a study of premeditated murder and bodily harm indicate some stability in key indicators in Ukraine over the past 10 years. The conclusion made earlier by the scientists and practitioners about the predominantly family-life and situational-permissive nature of premeditated murder and grievous bodily harm is confirmed. There is an increasing tendency to increase the risk of violent crimes, increase the severity of their consequences, insolence and unjustified cruelty.

The third most dangerous factor in a person's life is the release of drugs. The use of drugs is addictive, sharp exacerbation of somatic diseases. The addict completely loses the ability to be active. Addiction is accompanied by physiological and mental disorders, leading to complete degradation of the individual. There are significant pathological changes of all organs and systems. The drug user poses a threat to the environment. Statistics show that more than 40% of crimes are committed under the influence of drugs.

In my opinion, the least dangerous factor for life and health is sports and mass events. I cannot fail to note that during these events, people are injured, which, of course, is negative for human health. What can be more dangerous mass events? For example, a football match can be an arena of clashes between fans. As a result,

injuries and single deaths. Also during the mass events bombs, provoked clashes between people, explosive devices, poisonous chemicals can be laid. However, mass and sports events are more positive than negative, so they can be safely attributed to the safe factors of people's lives.

Also, I think rail is safe. There are usually conditions under which this type of transport can be dangerous for people. For example, if the train is traveling at high speed and the brake crane is broken at this point, then the passengers will receive personal injury. But despite some of the negative factors of rail transport, it is still one of the safest modes of transport and the safest for people's lives and health.

In my opinion, the most dangerous and harmful factors for human life are road transport, warfare and narcotics. If you talk about cars, you can say that any vehicle is a source of increased danger. The person who uses the services of vehicles is in This is caused by an accident, catastrophic crashes of trains, planes, cars, etc. In the world, 250,000 people are killed annually as a result of road accidents and approximately 30 times more people are injured. Of course, transport plays a large role in our world, but it has many negative consequences. Therefore, I believe that it is one of the most dangerous factors. The second dangerous factor I have identified is the war. When talking about war, they most often mention the killed, injured, displaced, etc. But there is another horrible consequence: the environment is destroyed, and therefore the health of people and animals that are nearby is bad. drinking water pollution or damaging an industrial property will lead to people's illnesses, and even death, this can bring major economic problems. Third, I identified narcotics. Drug addiction is a horrible phenomenon. According to experts, in the world there are AD 200 million drug (sometimes called an even greater number), and most drug addicts suffer boys and girls aged 15-17 years

Topic. Quantitative and qualitative risk assessment Practical lesson # 1. Statistical Assessment of Hazardous and Harmful Factors for Human Life Essay In Table 1.4. Statistical Evaluation of Hazardous and Harmful Factors for Human Life, the most dangerous factors I have identified are war and natural disasters, and

personal problems, concerns and sports, mass events are factors that are not so harmful to human life. Why do I think so? And because war and natural disasters are global problems that threaten large numbers of people. These factors are actually dangerous to human life. As for personal problems, worries, as well as sports and mass events, I do not think that it can be called a dangerous factor for human life. Sports, I generally consider a useful factor for life. Yes, personal problems are a morally dangerous factor, but I cannot attribute them to the factors that I have identified as the most dangerous. To sum up, I can say that all the factors in this table are to some extent dangerous for human life, but everyone has their own worldview and everyone sees this list differently. Although the first danger factors were difficult to determine, each of these problems is harmful.

In our homework on Life Safety, we were asked to fill out a table of dangerous and harmful factors. In the first place, I have suicide. Nowadays, the mental health problem is quite high. Due to daily stress, family problems, poverty and depression, more and more people are killing themselves every year. Ukraine exceeds the global average by the number of suicides per capita. We ranked in the top twenty in the world by number of suicides, ranking 14th. According to statistics from 2018, one person tries to kill himself every hour. That is why I think this item is very dangerous. Food poisoning is the safest. According to statistics not complete 2017, 15,017 food poisonings were recorded for the whole population. Unfortunately, the poisoning death statistics were not found in the figures. But considering that the first point (suicide) is the death statistics, the issue of poisoning is not so dangerous.

Having looked at the table "Statistical evaluation of dangerous and harmful factors for human life", in which we had to assign an individual assessment of hazards on a scale from 1 to 40 (1 least dangerous, 40 most dangerous). After analyzing all the factors and evaluating, I concluded that some factors could not be added to the table, because in my opinion they pose the least danger to human life, such as "sports events", "personal problems and concerns", "diagnostic radiation». For example, such a factor as "sports mass events", on the contrary, has a beneficial effect on our health and develops our sympathy for a healthy lifestyle; "Personal

problems and worries", in my opinion, such a factor as the problem can be solved in many ways, but still it is only my personal opinion, it all depends on the situation, moral and psychological state of the person; the "diagnostic irradiation" factor - scientists have shown that such irradiation has minimal harmful effects on human health, so it is safe. So we can cross out three factors from the table. I have no need to add additional dangerous factors that threaten life and human health. Because, I believe all the factors are already in the table.

In my opinion, the most dangerous factor for a person's life is AIDS - estimated at 40 points. AIDS is a particularly dangerous infectious disease caused by the human immunodeficiency virus and due to the lack of specific methods now leads to death.³⁹ points I put alcohol, because alcohol is the most harmful substance of all that a person consumes. Alcohol is a narcotic poison that has a negative effect on the entire human body.³⁸ I put drugs on drugs because drugs destroy the human body and cause addiction. The lowest factors are personal problems and concerns rated at 1 point. Some of us have some difficulties sooner or later. And to overcome them, it is necessary to have very high endurance and willpower. And the main thing is to learn to live with these difficulties, because people are not able to overcome every obstacle on their way. At 2 points I appreciated the sports and mass events. This factor plays an important role in the system of organizing a healthy lifestyle. Sports and mass events are a method of engaging the masses of the population with physical culture and sports, rehabilitation of the organism, increasing physical fitness, nurturing the necessary motor skills and abilities, contributing to increasing the motivation for knowledge by physical culture and sports. Practical Work # 1 Human practice shows that any activity is potentially dangerous. There is always a risk of danger to man. The risk of deaths is increasing every day. In my opinion, terrorist acts may be the most harmful factor. A terrorist act is covered by virtually any unlawful act that threatens public safety: "A terrorist act is the use of weapons, the commission of an explosion, arson or other acts that endanger the life or health of a person or cause significant property damage or the occurrence of others grave consequences, if such actions were taken for the purpose of violation of public security, intimidation of the

population, provocation of military conflict. I want to refer to dangerous factors as chemical dangerous factors. Chemical contamination can occur at any stage of the manufacturing and processing process. Chemicals can be useful and specially added to certain products, such as pesticides used in the cultivation of fruits and vegetables. Chemicals are not hazardous if used properly or under control. The potential risk to consumers is increased when the content of chemicals is not controlled or when the recommended standards are exceeded. The presence of a chemical is not always a hazard. Whether it is dangerous or not depends on its quantity. The toxic effect of some chemicals is only apparent if they are exposed for a long time. I wanted to add to the table more dangerous factors of biological origin. Foods can be threatened by dangerous factors of biological origin. Their source may be raw materials, or they may occur at certain stages of the processing used to produce the final product. It is also possible to add dangerous factors of physical origin. These include any potentially harmful third-party items that are not normally found in foods. Consumption of any foreign material or object by mistake will likely result in shortness of breath, physical injury or other adverse health effects. It is physically dangerous factors that cause consumers to complain most often, because the injury occurs immediately or shortly after eating, and the source of the danger is easily identified. Examples of materials that may pose a physical risk are: Glass, metal, stones - if it enters food, it causes cuts, bleeding, damage to the oral cavity and gastrointestinal tract; surgery may be required to detect or remove it. Therefore, the potential danger of human activity exists both explicitly and hiddenly. It is difficult to predict what could be the cause of injury, death, disease and other dangerous consequences. Awareness of the dangerous and harmful factors for a person's life is only the first step to a safe life. The conditions under which these factors cause undesirable effects should be established and prevented.

The presence of chemicals in the air, water, soil, the presence of radioactive substances in food, the presence of radioactive substances in air, water, soil - all this is a life-threatening factor. All this can be prevented by the purification and humane use of natural resources, the rational use of nuclear power plants (learn the lessons of

the future (Chernobyl) and avoid eating unsuspecting food. Food poisoning is a disease caused by foods and beverages that have harmful bacteria, viruses or parasites. To prevent food poisoning 39 Radioactive substances in the environment 32 40 Diseases related to the presence of chemicals in the environment 33 should follow the rules of hygiene and eat fresh food. X Arch poisoning is an important factor because if you eat inappropriate food, you can even die. In my opinion, the number 1 to 5 factor causes harm to a person, namely: unemployment, domestic violence, poverty, industrial injuries, and alcohol consumption: While some of these factors can usually cause discomfort and problems in people's lives, they are usually not as life-threatening as those presented above.

Essay Life is quite unpredictable and brings with it many situations that can harm a person's health or even life, regardless of his actions. After analyzing forty life-threatening factors, I ranked radioactive radiation in the environment and in food as my first priority. It is no secret that after the accident at the Chornobyl Nuclear Power Plant, the number of oncological diseases has increased significantly. Two members of my family took cancer and I had to watch the disease. Today, scientists are arguing about a genetic predisposition to cancer. Whatever, but death in such anguish is the worst for me. Next I put the murders and intentional damage. I am often forced to return home late at night, and the possibility of an attack, for example, with a view to robbery, is quite likely. In the third place can be attributed car accidents. This is a very common disaster that can happen to anyone at any time, and most often due to carelessness or drunken driving. In my opinion, sports and mass events are the least dangerous. They do not carry dangers, they even develop the population, except for casual injuries inherent in certain sports. But when one agrees to participate in such an event, they know what it is about. Next, I can supply drugs. Yes, this is a very common problem in today's society. I have never used drugs, so I do not consider them to be a dangerous factor, like suicide. This is the most ridiculous step that I would never have taken under any circumstances. There are no unsolved problems that cost more than life. Therefore, we must do everything in our

power to avoid dangerous situations not only for ourselves, but also for others. After all, our lives also often depend on other people.

Statistical evaluation of dangerous and harmful factors for human life

I think that from the list of this table you can remove the item (drinking alcohol) because everyone has the right to rest, and everyone rests differently, but with the help of most alcohol. You get me right, I'm not saying that we all need to drink alcohol in large quantities, but from time to time a person rests, taking alcohol. With the help of alcoholic beverages the risk of cardiovascular diseases is reduced, it gives a psychological relaxation, to get to know a person better, because when a person drinks a small dose of alcohol, he begins to tell the truth and this is a fact. Alcohol can be used to determine which person is temperamental (choleric, sanguine, phlegmatic, melancholic). Conclusion: He who eats correctly, he drinks properly. Provided that the person has a culture of consumption of alcoholic beverages.

One of the important factors for me is that at the moment there is an anti-terrorist operation in the territory of Ukraine, which increases the illicit trafficking and sale of weapons and ammunition and radicals. This can lead to acts of terrorism in the territories of large cities of Ukraine and can affect a large number of civilians. I would also like to single out the dangerous factors associated with the presence of chemicals in the environment. Increases in factories and plants that do not treat production waste in an environmentally friendly way are harmful, and explosions lead to an increase in such harmful chemical elements in the environment. And no one is safe from infection. I consider one of the safest factors to be an increase in prices. This, of course, always brings a wave of negative emotions among the population, but it is not a critical point. You can always give up something expensive and find a cheaper alternative, there are also many ways to save on heating and light using alternative energy sources, many products can be grown by yourself, and constant use of the car on public transport trips that can even save you money, but also time. I can also see personal issues and worries among the non-harmful factors. In some critical cases, this can lead to death. But if a person is able to analyze their own and others' actions, has an adequate view of the world, problems and situations,

is not afraid to share with someone and take advice, then everything will end well and will not affect the work, relations with other people.

So I better add to the list of dangerous factors for people wearing low-quality shoes. Poor footwear damages the nail plate health, if the sole has the wrong shape, then the person has a great opportunity to damage the spine, bad smell when you call after a walk, you have a bad mood just because the person called you home, and you do not go because that you know your problem. Conclusion: Poor footwear harms psychologically, physically and morally.

Practical work № 1 Task 2. To conduct, on the basis of sociological approach, to carry out a static assessment of dangerous factors for human life, using a point system. It is worth noting that according to sociologists, among the problems that are most important To accomplish this task is to assess the danger to life of a resident of Ukraine 40 factors, from the most dangerous factor to the least dangerous. In my opinion, the most dangerous factor in this list is military action, followed by national conflicts and terrorism. Unfortunately, today Ukrainians are familiar with the war, national conflict and their aftermath. Also, given the poll "What are the problems of concern to Ukrainians?" Conducted by the Kiev International Institute of Sociology - 67% of Ukrainians are concerned about the war in eastern Ukraine, this choice is obvious. Ukrainians are worried about living standards (54%), economic situation (42%) and Ukraine's security (23%). Why terrorism? Because the results of terrorism are horrendous, devastating and often widespread for both the population and the state as a whole, whether intentional or not. Repeatedly from the TV screens we hear that there was a terrorist attack during a peaceful walk, or a supermarket explosion, or a car blast, and this is all happening in our country, in the XX century, next to us. I believe that the presence of such factors in no way can guarantee a safe life for a person. To the least dangerous I attributed personal problems and worries, and the next factor is food poisoning. If personal problems / anxieties and food poisoning are the result of certain actions and choices of the individual, ie the individual chooses which products to use, how to deal with others, then war, national conflicts, terrorism are the result of the actions of a group of people. Thus, awareness of the seriousness

of life-threatening factors is the first step towards overcoming them, but without important decisions preventing the possibility of such situations occurring and overcoming their consequences cannot be achieved. Analyzing the assessment of dangerous and harmful factors in my life Danger is a concept that has many meanings for each of us. We perceive the importance of its factors individually and the fact that for one may be a great danger, for another it will be - one of the last points, which almost does not threaten his life. Due to the fact that the table lists 40 harmful and dangerous factors, I propose to consider the three most and least influential in my life so far. 40th place is occupied by road transport. Every day, when I get to study, I am a road user. Unfortunately, the sad statistics prove that many people neglect the rules of safety on the road (traffic rules) and even without being a car driver, I risk becoming a participant in an accident. 39th place - hostilities. We live in a country where hostilities take place. A possible option for the deployment of a military conflict will continue to threaten the lives and health of a very large number of people, including myself. Killings and deliberate injuries took the 38th place. Unfortunately, walking through the city or just being in your home can put you in a dangerous situation. For example, several years ago, several cars stopped at my house and a firefight began. It was a risk for me and my family. Everyone can experience such situations and it is truly life-threatening. For the items I have the least influence on, 1 place is taken by drugs. For me, the use of this type of substance is unacceptable, so drugs do not threaten my life. 2nd place - poverty. This aspect is not dangerous to my life and health, as I currently live with normal financial support, and I plan to continue my career and be financially independent. 3rd place - domestic violence. I grow up in a family where there is no type of violence (physical, moral, economic, etc.), further convinced that there will also be no problem with violence, so it does not endanger my life.

Looking through the table of statistical evaluation of dangerous and harmful factors for human life, I made conclusions and gave my points to each of the above harmful factors of life. The first place in my "top" is the concept of "natural disasters". I gave him 40 points because it is a waste of many lives and cannot be

protected. You never know when or where it will happen. They happen quite often and bear great damage to society. 2nd place and 39 points I put the item "Military Action". It concerns everyone, it's awful. There is a war in Ukraine, many people are being killed and all this is destroying people's lives, the country's economy. Cities and towns are being destroyed. The third place is occupied by item 21 "Narcotic substances". They are dangerous for life and health, destroying people's lives. They are very common in our country and therefore occupy the 3rd place. The most recent places are: "Sports and Mass Activities", "Personal Problems and Concerns" and "Unemployment". Personally, I do not consider these factors to be a threat to human life and health. These problems can be anticipated and solved by yourself. Therefore, the examples given are those that pose a serious threat to human life and health, and are those that do not pose a threat to the individual at all.

Essay on "What Factor I Placed in the Table on Pages 12-13" When I was scoring in the Table "Statistical Assessment of Hazardous and Harmful Factors for Human Life", I used the knowledge I gained from the lectures on the discipline "Labor and Life Safety" "And the general knowledge he has acquired throughout his life. The most dangerous harmful factors for human life are: Military actions; natural disasters; murders and intentional injuries; radioactive substances in the environment; poverty; lack of necessary food; unemployment; road transport; national conflicts; terrorism; infectious diseases. These ten Deaths look exactly like this, because in my subjective discretion, these factors alone take away the most human lives in the world. The following are dangerous and harmful factors for human life: The presence of radioactive substances in air, water, soil; the presence of radioactive substances in the diet; the presence of chemicals in the air, water, soil; the presence of chemicals in food; diseases associated with the presence of chemicals in the environment; fires; narcotic substances; smoking; AIDS; suicide. These are the second dozen dangerous factors, because in my subjective discretion they are dangerous and pose a threat to human life every day, but carry less threat than the top ten. Factors that pose a threat to human life include: Nuclear power; consumption of alcoholic beverages; occupational injuries; food poisoning; the use of poor-quality food; domestic injuries;

reservoirs (bathing, resting); domestic violence; sports and mass events; diagnostic irradiation. The top ten factors that threaten human life include the factors that are higher, because in my subjective discretion, they are threatening, but not critical. Acceptable harmful factors include: Electromagnetic radiation; electric currents; increase and decrease of atmospheric parameters; Railway transport; medicines; personal problems and concerns; raising prices; surgery; aviation transport. To the fourth dozen factors that can pose a threat to human life, I have included the factors listed above. In my opinion, these factors are the least dangerous than any other. After all, they are the least affected by people.

Practical lesson # 1.

In my opinion, any human activity is potentially dangerous. The potential danger of human activity exists both explicitly and implicitly, in the manifestation of its results, which are difficult to predict and which can be the cause of injuries, deaths, diseases, impairment of working capacity and state of health and other dangerous consequences.

Dangerous factors cause, under certain conditions, trauma or sudden deterioration in health (headache, impaired vision, hearing, change in psychological or physical state).

Adverse factors can cause illness or impair a person's performance, both explicitly and covertly.

I attribute the danger of road transport to the production, maintenance and repair of cars, their operation, production of fuel and lubricants, the development and operation of the road transport network, etc. This is a very dangerous factor for humanity. Another very important dangerous factor for cars is the large number of accidents that carry death, serious injuries, fractures, coma.

Domestic violence is often seen as a means of establishing power and inadequate self-assertion. In violence, one feels the fullness of his power (at least "here and now") over the other. Self-affirmation means the desire to increase one's self-esteem, the level of self-esteem, to declare a sense of self-worth, the importance

of one's personality to others. Thus, aggressive and violent actions can become for a person a means of overcoming their internal psychological problems, self-doubt, and subjectively felt weakness.

People did not think about how addiction appears. Which of these actions of the disease, which occurs with the psyche and physical condition of the person, her well-being, all depend on the presence of a drug in the body. In its absence, withdrawal syndrome (abstinence) develops - a very severe condition that is accompanied by seizures, severe pain in the muscles and internal organs.

Drugs are especially dangerous in that even a single use of them can lead to drug addiction. Due to the physiological characteristics of the body, adolescent drug addiction (much faster than in adults) develops very quickly. There have been cases where the first drug experiments ended in death.

People who use drugs are much more likely than other people to get HIV because the virus can be transmitted through the blood (using a single syringe for injection by several people), and drugs lead to a loss of control over behavior, since they are highly influential to the brain, the nervous system, and at the same time to self-control.

Under the influence of drugs, nerve cells simply burn. The protective response of the body sharply decreases.

All these factors, in my opinion, are quite dangerous in our daily lives, none of them are insured and everyone can expect it. People should be more cautious about using transport, never taking drugs, and creating conflicts in their families. Perhaps finding a way to prevent these problems will reduce the number of deaths, illnesses and conflicts in the world.

Essay YaotsinilaSNIDA the highest balto thatinfection of viral immunodeficiencyhuman occurs in the case ofinfectedmaterial or mucous membranes, or damaged in the skin of the human. As well as HIV is multiplied by the lymphocytes and other cells of the organism, it contains virtually all biological fluids (blood, lymph, removal of sex organs, semen, urine, tears, saliva, sweat, and at the same time, to be strained, to be dreaded, Automobile transportassessed

the39something, which is nowadays more and more accidents, in which Unfortunately, always surviving people. Also majority are played by roads that are inferior to the proper condition. Estimated1Balloqualified an increase in the value of life threatening prices. The personal problem of the problem has given itself an appreciation of 2 points, but I consider it an extraordinary situation that cannot be resolved. Statistical evaluation of dangerous and harmful factors for human life

I believe that the most detrimental to human life are factors such as terrorism, hostilities, and nuclear power.

Terrorism is, in my opinion, the most dangerous thing in the world. These are the international mass killings and devastations that lead to the deaths of a large number of people and great misery for the state.

The next danger on my list is warfare. It has already been proven that there are so many weapons on the globe that it is possible to destroy our planet 5 times. Warfare carries: poverty, hunger, cold, death, devastation, pain. This is the most undesirable phenomenon for to each state.

Next on my list is nuclear power. The inadvertent use of it can lead to a major disaster. An example of this is the Chernobyl Nuclear Power Plant, the effects of which we are still experiencing

After all, there are factors that I think are less dangerous for the environment. In my list, there are price increases, rail and mass sporting events.

Increasing prices in my opinion is the least damaging to the environment. This can result in poor human nutrition and begging, which is the least dangerous of all.

Rail is not completely safe because there can be occasional accidents. But if you follow the rules of conduct in rail, this can be avoided.

Massive sports can sometimes be dangerous because they can hold terrorist attacks, rallies and various actions that can damage a person's life.

Essay on the topic: "Why did I score such points when evaluating dangerous and harmful factors for my life?" 1 point Personal problems and concerns. We are all unique, that is, unique in nature and form. Everyone perceives different life circumstances in their own way and responds to them in their own way. We all have

different feelings and emotions, and there are no absolutely right or, conversely, wrong people. There are different situations and different people. There is no problem that cannot be solved, either a lack of life experience or knowledge, or a lack of desire to take responsibility for solving a particular issue. 2 points. Lack of necessary food. Each person has his own food and, of course, his list of necessary goods. Since I give up sweet, it will not be a tragedy for me to live a day without chocolate and sugar in tea or coffee. Speaking of baked goods, there should be bread on our table, but if it isn't, it's not a problem either. You can always find a replacement for a particular product, such as putting two eggs and a banana in a muffin dough. 3 points. Railway transport. Low cost of tickets, large and convenient network of routes, saving time and effort when traveling by night express, less chance of delay, more space in the car, not such tight bandwidth control, the ability to take unlimited food and drink - all characterize the advantage of using this transport . My paternal relatives live in Russia. I have traveled with them since childhood, and now I use this transport to travel around Ukraine. The only downside - a long time on the road. 38 points. Military action. War is a disaster that is easy to start and hard to end. Not to list how many innocent people were killed for the sake of peace, how many families were destroyed and how many thoughts were changed. I really enjoyed relaxing with my relatives. I went every summer vacation there, but when the problems of political and socio-cultural relations between Ukraine and Russia began, my trips broke down. I was not released because they were afraid that when I came to Russia I would be taken away and I would not be able to return. My mother began to believe in the news, saying that their country was the best without asking us about the real events in our country. Lately we have had nothing to talk about and this relationship has come to naught. That's how close people become strangers. 39 points. Surgical intervention. "Previously, magic was confused with medicine, today medicine is confused with magic," says Thomas Sas. Healing is a chance to get on with life, and doctors are the ones who can give it to us. But do you recommend to many who have really studied since their undergraduate years as an expert medical practitioner? Even you will find it difficult to answer this question because, like

everyone, you will not be sure of his or her qualifications. Today, to be firmly convinced of your diagnosis, you must visit several public hospitals or one private one. From childhood, I believed that I would be a person who would never fall under the knife, but my belief was destroyed three years ago. I was diagnosed with varicose veins and the only healing was surgery. At that point, I didn't know how happy I was to find this disease in the early stages or cry that it would remain for the rest of my life. The last operation (there were two) I did this winter and I am grateful to the specialists who operated me, because these are people who are in charge of their business. Of course, surgery is always a risk that is difficult to take not only a loved one, but also a surgeon in whose hands is someone else's life. 40 points. Price increase. Money is never enough, and rising prices change the face of human needs. Poor people say that only the rich can live with such prices, but I do not think so. Take, for example, the production of a certain product, with increasing prices, can change the ingredients for cheaper, and thus its quality changes, as well as the demand for it. It is difficult for everyone, but differently. As for me? There are things you can give up and just need, and it takes time to get them.

Repeatedly coming across various facts and articles on social networks, it is often these topics that came to my attention. So I thought it would be urgent to raise these problems and find solutions to them.

Unfortunately, about 1.8 million women are killed every year in Ukraine from domestic violence. These statistics are really impressive. It gets bigger every year ... Unfortunately, this applies not only to adult women, but also to young children who are not known by their parents for guidance, are severely beaten, mutilated and even beaten to death. In fact, this fact is very disturbing, because innocent children are suffering, who have done nothing horrible in relation to others. The parents of these children intentionally intimidate them into physical violence so that children are not told about their ill-treatment. Moreover, it outrages the indifference of the neighbors who live with these families and remain silent while watching the oppression and harassment of the unhappy baby.

Due to this attitude, the children's psyche also suffers, which in the future is accompanied by the use of alcoholic beverages, drugs, as a result of which children even commit suicide.

Suicide is another extremely important problem that is gaining momentum among today's youth.

Because of parents' indifference, children are left alone with their problems. When seeking out-of-home support, teens get in touch with the companies of the same children, making it difficult for them to understand themselves.

The most common causes of adolescent suicide are: inadequate parenting, indifference and cruelty. The two topics are in fact closely related and a consequence of each other.

Personally, on these topics, I have come to the conclusion that we need to be more attentive to social problems and not leave them unattended, because sometimes it is enough support for a person to feel needed and able to get out of a difficult situation.

I also cannot ignore such a topic as natural disasters. It is also a very big and scary problem that arises because of many factors, both human and nature in general. It is much larger and more tragic than previous problems, and it "entails" great losses on the part of mankind.

The effects of natural disasters are also the influence of people who are indifferent to nature, building factories and factories, creating mountains of debris and using fuel, which by its emissions into the atmosphere creates ozone holes, which violate the overall protection of our planet. There are so many examples of natural disasters that have been repeatedly discussed on television, newspapers and social networks, we all know them well... But, for some reason, we are making extremely small steps to address these problems, which are only becoming more complicated today.

Therefore, it can be concluded that until humans begin to act for the benefit of nature, which in turn will benefit humans, natural disasters will only multiply and act more forcefully against humans.

This is a direct danger to your own life and health from shelling. The environment becomes unsuitable for existence: dirty rivers, air, burnt forests - lead to increased manifestations of respiratory diseases, all kinds of allergies. AIDS is also dangerous enough. This virus affects special blood cells that are responsible for protecting the human body against various germs and gradually killing these cells. According to an individual assessment, personal problems and worries are the least harmful factor for a person's life, because they are everyone's business and they never end. There will always be some problems along the way, but they will be resolved over time. The second factor, in my opinion, should be sports and mass events. On the contrary, it adds health to every person and, to some extent, the ability to live for more years. But in the third place I put aviation transport. The modern world, at the moment, has no boundaries in science, which is why the plane is considered the least dangerous transport to travel the world and the fastest way to get to the other end of the world.

Part 1. 1. Test for determining the selectivity of attention on the tables Schulte I spent on each of the tables: 1-10s 2-9s 3-9s 4-10s 5-10s Determine the average time spent: $10 + 9 + 9 + 10 + 10 / 5 = 9.6s$, which according to the test is a good level of attention. 2. Concentration test for '10 words " On an average of 5 attempts, I was able to reproduce 6-7 words, which is a satisfactory result. 3. Test for distribution and switching of attention 4. Test for determining the assessment of switching attention by the method " Red-black table " For 5 min of work on this test, correctly identified 40 letters, which means that my switching of attention is in good levels. 5. Testing and Receiving Memory Inventory Testing According to the 'Receive Information' test, I correctly identified 31 words, indicating that information was received indirectly. 10 minutes after the previous test, I begin to run the 'Memory Involvement' test. In 7 minutes, I count the number of words played (P) = 25, calculated (M) = 4 and subtracted the index of involuntary memory: $MP = (PM) / 32 * 100\% = 65\%$ - this

figure is high. Information is better remembered through logical grouping and visual abstractions or relating to one's life. 6. Test "Volume of short-term memory" I picked up a test with verbal variants and correctly transcribed 8 words. The numbers turned out to be more difficult, since words can be combined into one story and play them in the right order. Part 2. Passage Online Tests 1. Personality Test As a result of this test, my personality type is Architect, where introvert, intuition, logic, planning and caution prevail. for diagnosis tics of psychological protection mechanisms These tests did not open.

Assessment of dangerous and harmful factors I conducted my assessment of dangerous and harmful factors for human life. At 40 points I rated natural disasters because I have a fear of the elements. As a child, my parents and I were in a storm on the river bank. There was a strong wind, sand and stones flew, then a thunderstorm and showers began, we had nowhere to hide. In such moments little depends on the person, and it is scary. 39 points I put the use of low-quality food. In my life, there have been unpleasant incidents associated with eating poor food, so I am cautious about food quality. 38 points received by road. Ever since I got my driver's license and got behind the wheel of my own car, I realized that the car was a high-risk vehicle for both me and others. So I try to be very careful at the wheel. In 3 points I appreciated reservoirs (bathing, rest), as I do not feel the fear and danger of staying near the reservoir, I swim well in my childhood, I went swimming. I live near the Dnieper River, swimming and relaxing there, my favorite summer activities. 2 points received unemployment. I have chosen a specialty that is in demand. There are many food companies in my area. 1 point received air transport. It is considered the most dangerous, besides I did not use it, so I am not afraid.

I have given the highest rating (40) to military actions as in my opinion they are the most dangerous and harmful factors for human life. This action creates a deeper conflict with the large-scale irreparable consequences. Warfare engenders bloodshed, murders of innocent people, death, violence, a broken psyche, thousands of victims, poverty, economic crisis, devastation, destroyed buildings, cities that have been wiped off the face of the Earth. People are forced to leave their homes, cities,

countries, lose loved ones, shed bitter tears, and get nasty life imprints. Everything that has been created for thousands of centuries, years, to which an incredible amount of effort and effort has been applied, is destroyed at one go. I praised (37) a factor such as domestic violence. First of all, I want to say that violence is a crime, and domestic violence is a crime on the part of the person with whom you live and to which you depend to some extent. One person offends another, disregarding his or her rights, and the other person (the victim) in most cases does not protect himself, revenge or ask for help as a result: beatings, violence, shattered psyche, which in the future may also bear great threat to society, murder, death. I have given a low rating (4) to personal injuries in the way that I believe that in most cases they are caused by a person's inattention. But, of course, they are the result of accidents and deaths. The lowest rating (1) I preferred to put personal problems and worries in the way that I think that most problems the person invents for himself. All the problems in our head. Yes, sometimes personal problems can lead to the formation of complexes or worse, suicides, but keep in mind that there is always a way out. If you wish, your thoughts can be solved, you can solve your own problems, and if you do not manage yourself, there are thousands of methods available now, or you can consult a specialist to help them understand them.

A person's life is full of dangers. Every day we face various threats that we sometimes create on our own. Having analyzed the dangerous and harmful factors for a person's life, I have identified some basic ones for me. Given the events in Chernobyl, namely the events at the Chernobyl NPP, I placed nuclear power at the forefront of the threats to my life. In the second place is the presence of chemicals in the air and soil, because every day in the atmosphere, the earth, water is released a lethal amount of chemicals that cause various diseases, mutational processes in the human body. And in the third place were the presence of radioactive substances in food, because because of the Chernobyl accident our land still suffers and is purified by the transfer of minerals, and with them radioactive substances into food. In the course of the analysis, I also found several factors that are least dangerous for me and my life. As it turns out, I do not suffer from the water because I almost do not visit

them. Also, I am not threatened by the price increase because my parents earn well and I am studying for a wonderful highly qualified specialty. And the last factor is special problems and worries, because they are all solved and because of them care and kill their nerve cells makes no sense. I think it is impossible to live without threats. But analyzing them can reduce their numbers. As an example, start working on dangerous situations that depend on you and that you can still influence.

Ponds (bathing, resting) - for my life the pond is one of the least dangerous factor and the most accessible and convenient. Because I live in the Cherkasy region in Kaniv, which houses the Kaniv Reservoir and the largest river in Ukraine - the Dnieper. Bathing and this way of relaxation is beneficial for life and health. You can also not only swim near the pond, but also consider other types of recreation (sunbathing, reading your favorite literature, moving games both in the water and on the shore) (2) Sports and mass events - this item can be called not only the least dangerous, but the most beneficial to our lives. It is probably my most favorite activity in my life to take part in some events, because it brings a lot of pleasure, new emotions, acquaintances, discovering something new. In every new event you try something new for yourself, so you can find yourself and your sphere to your liking. (3) Medicines - they save our lives and in dangerous situations and moments of life they continue to give us some on a permanent basis and some on a temporary basis. But medicines are different and everyone will have their own opinion someone will refer them to the most dangerous, but for my life and life situations that I have lived and seen that they saved, so for me they are less dangerous and important for life. Of course, it would be great if we didn't know anything about them at all, but unfortunately we can't give them up. (40) Smoking is the most dangerous factor in my life because I am constantly surrounded by people who smoke. Smoking badly and badly affects my life. My dad's family also has such a bad habit, at the age when I went to school I also started to have this habit, but in time I was able to give it up and stop myself, but when I am near people who smoke inside the desire to do so also wakes up. (39) Warfare - before, I never even thought that warfare could be the most dangerous factor in my life, but four years ago this factor disturbed my family. When

our military situation escalated in our country, Dad went to the ATO to defend the country, stayed there for two years, so this event was very much reflected in the memory and left a trail that military action is dangerous for every person and his life. People who are completely innocent are suffering through them. (38) Fires - I am in third place because of the negligence of her neighbors because of the negligence of her neighbors, the entire apartment was burned. Because of that, great troubles, worries and troubles began.

In my opinion, one of the odd and harmful factors for human life is terrorism. Today, there is a tendency to increase the number of acts of terrorism. This is due to social inequality between the population, violation of citizens' rights and freedoms. Also, the speed of the development of terrorist activity is affected by armed conflict, hostilities in the country and the uncertainty of the political situation. Terrorist acts can cause a number of dangerous situations, and in the case of weapons of war, military danger. Terrorist acts can be accompanied by the use of poisonous substances, powerful explosions and other means in the subway, concerts, rallies and other places of great concentration of people. The number of acts of terrorism perpetrated on religious grounds, planned by different sects and extremist groups, should not be forgotten. One of the important factors for me is that at the moment there is an anti-terrorist operation in the territory of Ukraine, which increases the illicit trafficking and sale of weapons and ammunition and radicals. This can lead to acts of terrorism in the territories of large cities of Ukraine and can affect a large number of civilians. I would also like to single out the dangerous factors associated with the presence of chemicals in the environment. Increases in factories and plants that do not treat production waste in an environmentally friendly way are harmful, and explosions lead to an increase in such harmful chemical elements in the environment. And no one is safe from infection. I consider one of the safest factors to be an increase in prices. This, of course, always brings a wave of negative emotions among the population, but it is not a critical point. You can always give up something expensive and find a cheaper alternative, there are also many ways to save on heating and light using alternative energy sources, many products can be grown by yourself,

and constant use of the car on public transport trips that can even save you money, but also time. I can also see personal issues and worries among the non-harmful factors. In some critical cases, this can lead to death. But if a person is able to analyze their own and others' actions, has an adequate view of the world, problems and situations, is not afraid to share with someone and take advice, then everything will end well and will not affect the work, relations with other people.

In my opinion, the most dangerous and harmful factor for human life is the presence of radioactive substances in food. Because currently the presence of radioactive substances in food is increasing rapidly and this has negative consequences for the health and life of the population, even a small amount of radionuclides in the food is dangerous. Radioactive substances contaminate agricultural crops and crops, which can therefore become unfit for human consumption and animal feed. To date, nearly 18 years after the Chernobyl disaster, the most significant and dangerous in terms of radiation and hygiene are radionuclides such as cesium-137 and strontium-90. In the second place in terms of danger and harm, I chose murder and intentional damage, because today it is also the unsolved problem of all mankind. Among these factors, to me, the least dangerous and harmful are price increases and personal problems and worries. I believe that these factors are the least threatening to a person's life

I believe that the most dangerous and harmful factor for human life is road transport. Because millions of people are killed by it in the world, and this figure is not decreasing, only increasing. We cannot protect ourselves from this by 100%. Even if I do not have a car, I can still get into an accident with a motor vehicle. The next factor is hostilities. In my opinion, war takes so many lives and for me, for a person whose country is currently at war, this is one of the most painful factors. Among the less dangerous are the rail and air transport. In my view, this category is not as harmful and dangerous as others and we can prevent the danger by not using these modes of transport.

After assessing life-threatening factors on a scale of "1" to "40", I got the following results: I rated "40" as dangerous as AIDS, because since school years we

have been told year after year about this disease dangerous, deadly, and that needs to be taken seriously. And even though we know almost everything about this disease, how it is transmitted and how it develops, but in our time, when society has become more violent and indifferent, we do not know who to trust, to whom or not. Further, I rated "39", "38", "37" as factors such as terrorism, hostilities, killings and intentional harm. Previously knowing such concepts, I never thought that in my life I will meet them so close. After these 5 years in our country, when during the first months almost every day you think about it not to get worse so that your loved ones are not lost, then you really understand what peace and peace are. That is why in such a situation in our country these factors are one of the most dangerous for me. For safety, for me it is first of all sports and mass events. Since I used to do sports myself, namely running, so sports competitions were normal for me, so this is a safe activity for me. Although there is always excitement before such events, but it is safe because it is a sport, I believe that nothing tragic will happen. In the second place I put the increase or decrease of atmospheric parameters, because now at my age, my body is young and healthy and to some extent still developing, I do not feel any negative impact of this factor on my health. Another factor that is safe for me is road transport, since I am a person responsible for driving a car seriously and cautiously, and because I enjoy this activity and enjoy it, I believe that this type of transport is not a danger to me.

Military action, in my opinion, is the most dangerous factor in the list, because it affects all aspects of life of the country and its citizens. Our country is experiencing the threat of this problem, which has affected the lives of every citizen. Military actions affect not only the military, but also the civilian population, who are worth their health, a roof over their heads, peace, or even life.

Terrorism is also a very dangerous factor, because a person's stronger feelings are fear. Terrorism is done to exacerbate people's fears, to make them feel defenseless. This is not a problem of our country, it is a global problem that must be fought with all our might.

Lack of necessary food. In the world, almost half of the population lives below the poverty line. You might think that this is a problem only for the backward

countries, but according to 2019 statistics, there are more than 33% of such people in Ukraine. Without the necessary food, the body cannot function properly and live a full life. Small pensions and wages that are incompatible with utility and food prices are the main cause of this problem.

In our big and dangerous, ever-moving, evolving and changing world, personal problems and anxieties come to the fore. In order to ensure a decent standard of living for themselves and their loved ones, their mental and physical health is neglected. In Japan, death from overwork at work is common, because too little time is left on its own, and a good rest is the key to good results at work and training. People need to pay more attention to their needs and care more about themselves.

Looking through the table of statistical evaluation of dangerous and harmful factors for human life, I made conclusions and gave my points to each of the above harmful factors of life. The first place in my "top" is the concept of "natural disasters". I gave him 40 points because it is a waste of many lives and cannot be protected. You never know when or where it will happen. They happen quite often and bear great damage to society. 2nd place and 39 points I put the item "Military Action". It concerns everyone, it's awful. There is a war in Ukraine, many people are being killed and all this is destroying people's lives, the country's economy. Cities and towns are being destroyed. The third place is occupied by item 21 "Narcotic substances". They are dangerous for life and health, destroying people's lives. They are very common in our country and therefore occupy the 3rd place. The most recent places are: "Sports and Mass Activities", "Personal Problems and Concerns" and "Unemployment". Personally, I do not consider these factors to be a threat to human life and health. These problems can be anticipated and solved by yourself. Therefore, the examples given are those that pose a serious threat to human life and health, and are those that do not pose a threat to the individual at all.

In my opinion, any human activity is potentially dangerous. The potential danger of human activity exists both explicitly and implicitly, in the manifestation of its results, which are difficult to predict and which can be the cause of injuries,

deaths, diseases, impairment of working capacity and state of health and other dangerous consequences.

Dangerous factors cause, under certain conditions, trauma or sudden deterioration in health (headache, impaired vision, hearing, change in psychological or physical state).

Adverse factors can cause illness or impair a person's performance, both explicitly and covertly.

I attribute the danger of road transport to the production, maintenance and repair of cars, their operation, production of fuel and lubricants, the development and operation of the road transport network, etc. This is a very dangerous factor for humanity. Another very important dangerous factor for cars is the large number of accidents that carry death, serious injuries, fractures, coma.

Domestic violence is often seen as a means of establishing power and inadequate self-assertion. During the use of violence, a person feels the fullness of his power (at least "here and now") over YaotsinilaSNIDA the highest balto that the infection of the human immunodeficiency of the person occurs in the case of the infected material or the mucous membranes. As well as HIV is multiplied by the lymphocytes and other cells of the organism, it contains virtually all biological fluids (blood, lymph, removal of sex organs, semen, urine, tears, saliva, sweat, and at the same time, to be strained, to be dreaded, Automobile transportassessed the39something, which is nowadays more and more accidents, in which Unfortunately, always surviving people. Alsomajority are played by roads that are inferior to the proper condition. Estimated1Balloqualified an increase in the value of life threatening prices. The personal problem of the problem has given itself an appreciation of 2 points, but I consider it an extraordinary situation that cannot be resolved.

Self-affirmation means the desire to increase one's self-esteem, the level of self-esteem, to declare a sense of self-worth, the importance of one's personality to others. Thus, aggressive and violent actions can become for a person a means of

overcoming their internal psychological problems, self-doubt, and subjectively felt weakness.

Analyzing the assessment of dangerous and harmful factors in my life Danger is a concept that has many meanings for each of us. We perceive the importance of its factors individually and the fact that for one may be a great danger, for another it will be - one of the last points, which almost does not threaten his life. Due to the fact that the table lists 40 harmful and dangerous factors, I propose to consider the three most and least influential in my life so far. 40th place is occupied by road transport. Every day, when I get to study, I am a road user. Unfortunately, the sad statistics prove that many people neglect the rules of safety on the road (traffic rules) and even without being a car driver, I risk becoming a participant in an accident. 39th place - hostilities. We live in a country where hostilities take place. A possible option for the deployment of a military conflict will continue to threaten the lives and health of a very large number of people, including myself. Killings and deliberate injuries took the 38th place. Unfortunately, walking through the city or just being in your home can put you in a dangerous situation. For example, several years ago, several cars stopped at my house and a firefight began. It was a risk for me and my family. Everyone can experience such situations and it is truly life-threatening. For the items I have the least influence on, 1 place is taken by drugs. For me, the use of this type of substance is unacceptable, so drugs do not threaten my life. 2nd place - poverty. This aspect is not dangerous to my life and health, as I currently live with normal financial support, and I plan to continue my career and be financially independent. 3rd place - domestic violence. I grow up in a family where there is no type of violence (physical, moral, economic, etc.), further convinced that there will also be no problem with violence, so it does not endanger my life.

When I was scoring in the table “Statistical evaluation of dangerous and harmful factors for human life”, I used the knowledge I gained from the lectures on the discipline “Occupational Safety and Life” and the general knowledge that I gained during my life. The most dangerous harmful factors for human life are: Military actions; natural disasters; murders and intentional injuries; radioactive

substances in the environment; poverty; lack of necessary food; unemployment; road transport; national conflicts; terrorism; infectious diseases. These ten Deaths look exactly like this, because in my subjective discretion, these factors alone take away the most human lives in the world. The following are dangerous and harmful factors for human life: The presence of radioactive substances in air, water, soil; the presence of radioactive substances in the diet; the presence of chemicals in the air, water, soil; the presence of chemicals in food; diseases associated with the presence of chemicals in the environment; fires; narcotic substances; smoking; AIDS; suicide.

These are the second dozen dangerous factors, because in my subjective discretion they are dangerous and pose a threat to human life every day, but carry less threat than the top ten. Factors that pose a threat to human life include: Nuclear power; consumption of alcoholic beverages; occupational injuries; food poisoning; the use of poor-quality food; domestic injuries; reservoirs (bathing, resting); domestic violence; sports and mass events; diagnostic irradiation. The top ten factors that threaten human life include the factors that are higher, because in my subjective discretion, they are threatening, but not critical.

Acceptable harmful factors include: Electromagnetic radiation; electric currents; increase and decrease of atmospheric parameters; Railway transport; medicines; personal problems and concerns; raising prices; surgery; aviation transport. To the fourth dozen factors that can pose a threat to human life, I have included the factors listed above. In my opinion, these factors are the least dangerous than any other. After all, they are the least affected by people.

Looking through the table of statistical evaluation of dangerous and harmful factors for human life, I made conclusions and gave my points to each of the above harmful factors of life. The first place in my "top" is the concept of "natural disasters". I gave him 40 points because it is a waste of many lives and cannot be protected. You never know when or where it will happen. They happen quite often and bear great damage to society. 2nd place and 39 points I put the item "Military Action". It concerns everyone, it's awful. There is a war in Ukraine, many people are being killed and all this is destroying people's lives, the country's economy. Cities

and towns are being destroyed. The third place is occupied by item 21 "Narcotic substances". They are dangerous for life and health, destroying people's lives. They are very common in our country and therefore occupy the 3rd place. The most recent places are: "Sports and Mass Activities", "Personal Problems and Concerns" and "Unemployment". Personally, I do not consider these factors to be a threat to human life and health. These problems can be anticipated and solved by yourself. Therefore, the examples given are those that pose a serious threat to life.

"Why did I score such points when evaluating dangerous and harmful factors in my life?" 1 point Personal problems and concerns. We are all unique, that is, unique in nature and form. Everyone perceives different life circumstances in their own way and responds to them in their own way. We all have different feelings and emotions, and there are no absolutely right or, conversely, wrong people. There are different situations and different people. There is no problem that cannot be solved, either a lack of life experience or knowledge, or a lack of desire to take responsibility for solving a particular issue. 2 points. Lack of necessary food. Each person has his own food and, of course, his list of necessary goods. Since I give up sweet, it will not be a tragedy for me to live a day without chocolate and sugar in tea or coffee. Speaking of baked goods, there should be bread on our table, but if it isn't, it's not a problem either. You can always find a replacement for a particular product, such as putting two eggs and a banana in a muffin dough. 3 points. Railway transport. Low cost of tickets, large and convenient network of routes, saving time and effort when traveling by night express, less chance of delay, more space in the car, not such tight bandwidth control, the ability to take unlimited food and drink - all characterize the advantage of using this transport . My paternal relatives live in Russia. I have traveled with them since childhood, and now I use this transport to travel around Ukraine. The only downside - a long time on the road. 38 points. Military action. War is a disaster that is easy to start and hard to end. Not to list how many innocent people were killed for the sake of peace, how many families were destroyed and how many thoughts were changed. I really enjoyed relaxing with my relatives. I went every summer vacation there, but when the problems of political and socio-cultural

relations between Ukraine and Russia began, my trips broke down. I was not released because they were afraid that when I came to Russia I would be taken away and I would not be able to return. My mother began to believe in the news, saying that their country was the best without asking us about the real events in our country. Lately we have had nothing to talk about and this relationship has come to naught. That's how close people become strangers. 39 points. Surgical intervention. "Previously, magic was confused with medicine, today medicine is confused with magic," says Thomas Sas. Healing is a chance to get on with life, and doctors are the ones who can give it to us. But do you recommend to many who have really studied since their undergraduate years as an expert medical practitioner? Even you will find it difficult to answer this question because, like everyone, you will not be sure of his or her qualifications. Today, to be firmly convinced of your diagnosis, you must visit several public hospitals or one private one.

From childhood, I believed that I would be a person who would never fall under the knife, but my belief was destroyed three years ago. I was diagnosed with varicose veins and the only healing was surgery. At that point, I didn't know how happy I was to find this disease in the early stages or cry that it would remain for the rest of my life. The last operation (there were two) I did this winter and I am grateful to the specialists who operated me, because these are people who are in charge of their business. Of course, surgery is always a risk that is difficult to take not only a loved one, but also a surgeon in whose hands is someone else's life. 40 points. Price increase. Money is never enough, and rising prices change the face of human needs. Poor people say that only the rich can live with such prices, but I do not think so. Take, for example, the production of a certain product, with increasing prices, can change the ingredients for cheaper, and thus its quality changes, as well as the demand for it. It is difficult for everyone, but differently. As for me? There are things you can give up and just need, and it takes time to get them.

I believe that the most detrimental to human life are factors such as terrorism, hostilities, and nuclear power.

Terrorism is, in my opinion, the most dangerous thing in the world. These are the international mass killings and devastations that lead to the deaths of a large number of people and great misery for the state.

The next danger on my list is warfare. It has already been proven that there are so many weapons on the globe that it is possible to destroy our planet 5 times. Warfare carries: poverty, hunger, cold, death, devastation, pain. This is the most undesirable phenomenon for to each state.

Next on my list is nuclear power. The inadvertent use of it can lead to a major disaster. An example of this is the Chernobyl Nuclear Power Plant, the effects of which we are still experiencing

After all, there are factors that I think are less dangerous for the environment. In my list, there are price increases, rail and mass sporting events.

Increasing prices in my opinion is the least damaging to the environment. This can result in poor human nutrition and begging, which is the least dangerous of all.

Rail is not completely safe because there can be occasional accidents. But if you follow the rules of conduct in rail, this can be avoided.

Massive sports can sometimes be dangerous because they can hold terrorist attacks, rallies and various actions that can damage a person's life.

Individual assessment of dangerous and harmful factors for human life I believe that the most dangerous factors for me are: 5) Air transport: I believe that it is the safest way of transportation today. 4) Narcotic substances; I do not consider this a threat to myself, because there is never anything 3) Smoking; from the above I did not use and do not intend. The only 2) Use of alcoholic beverages; the chance that they can do to me schools is if they spill / add without my knowledge. 1) Suicide: I find it "safest by individual assessment" because I value my life too much to cause it. It just depends on me and my decisions. Therefore, I am sure that suicide is not a threat to me. In my opinion, the most dangerous for me are: 40) Terrorism Given the political and economic situation in the country, 39) The hostilities, I believe that today is the most dangerous for 38) Natural disasters, because you do not know what

time and in 37) Infectious diseases can be found and how it will affect you. 36) Murder and Willful Damage 35) Fire

Assessing the dangerous and harmful factors for human life, I summarized: First of all, each of the items carries some danger, and for each level of danger is different, for someone it is a trifle, and for someone it is the "end of the world". Personally, I may be most at risk of murder and willful injury. I have repeatedly witnessed violence on the streets. I think a group of people with guns can cause irreparable damage to my health, or even kill it. Less dangerous, but equally important is the danger of electric shock.

Torn power lines or a socket in a dorm room is likely to cause irreparable damage to my life. A swim in the pond can be dangerous for me because I can get tired quickly and sink in the middle of the pond if it is deep enough and has a current . I have also identified the least dangerous factors that most likely will not threaten me. Drinking alcohol is not a problem for me because I do not drink any type of alcohol. Being a person with a nervous system and very stress tolerant, I am not a suicide threat. The last item is smoking, as I have never smoked, and I do not plan on doing so.

Comparing the risks and dangers of road transport, sports and mass events, personal anxieties and problems, domestic violence, surgery and the presence of chemicals in food, I would place them in the order from the most dangerous to the less dangerous:

- the presence of chemicals in food;
- surgery;
- the dangers of road transport;
- domestic violence;
- personal concerns and problems;
- dangers at sports and mass events.

The production of most modern foods without nutritional supplements is impossible. For example, the dietary supplement sodium benzoate (E211), which,

when consumed excessively, can lead to digestive disorders, is widely used in the production of carbonated beverages, sauces, ketchups, and confectioners.

So preservatives can be dangerous to health if consumed, but to refuse to use them in the food industry, at least in the manufacture of some products, is very difficult. In the Ukrainian legislation the sphere of use of food additives is regulated in accordance with the law "On Food Safety and Quality", and the control over the production and use of food additives is vested in the State Sanitary and Epidemiological Service of Ukraine and the Ministry of Health.

However, it should be noted that no effective mechanism for comprehensive control over the production and use of food additives has been established in Ukraine today. The current system only allows for selective checks on some producers, which does not allow a complete picture of the volume of use of food additives in Ukraine and their compliance with the list approved by the Cabinet of Ministers.

In my opinion, we must minimize the risks of the use of chemicals in food:

- You can not buy food in places of unauthorized trade, as well as produce handicraft;
- When purchasing food, you should always carefully study the composition of the product. Remember that manufacturers do not always properly label products, often being ashamed to add their "E" codes to the names of food additives, which is a direct violation of current national standards;
- When buying products, you should avoid those that contain bright colors. First of all, this concerns sweet drinks as well as cheap confectionery. Also remember that some synthetic dyes are particularly dangerous for children;
- products containing preservatives should not be abused, but it is best to abandon them altogether by replacing them with similar preservative-free products;
- The use of products containing sugar substitutes such as potassium acesulfame (E 950), aspartame (E 951), sodium cyclamate (E 952), saccharin (E 954) should be avoided. These supplements are usually found in cheap sugary drinks and chewing gum. Most sugar substitutes are harmful to health, especially children.

However, when choosing food, you should still prefer products made by yourself. This will minimize the use of nutritional supplements and, therefore, reduce the risks associated with their consumption. It should also be remembered that only complete, balanced and healthy nutrition is a true guarantee of health and wellness.

Providing a person with any type of medical care means interfering with his or her life and health. Obtaining the patient's consent to surgery or any other medical intervention is the exercise of his or her constitutional right to personal integrity and, if the patient gives such consent, it means that he / she has deliberately decided that the operation or any other intervention is necessary to preserve his health and life. In all cases, interventions in the field of human health by healthcare providers in the provision of medical care, researchers in carrying out medical and biological experiments are characterized by elements of novelty, risk and danger for the patient. Therefore, in order to ensure the rights of the patient, it is necessary, among other factors, to have a proper legal framework in the field of health care that meets international legal standards and that creates conditions for the realization of the state's guaranteed rights to life, health and privacy. .

From the legislative definition of the analyzed concept, one of the conditions for the implementation of medical intervention, namely, the impossibility of harming the health of the patient, follows. In my opinion, the procedure of registration and consent, as well as the refusal of intervention, require legislative consolidation (for example, the Medical Code of Ukraine).

Domestic violence

According to the Law on Prevention of Domestic Violence, domestic violence is any intentional act of physical, sexual, psychological or economic nature of one family member in relation to another, if these actions violate the rights and freedoms of a family member as a person and a citizen, do him moral harm, damage to his physical or mental health.

Sometimes it is not easy to distinguish violence (especially psychological) from conflict situations, disputes that arise in each family and do not pose a threat to the further development of a healthy relationship.

Consequently, conflict is a clash of opposing interests and views, tension and extreme aggravation of contradictions, which can lead to active actions, complications, struggles, accompanied by complex conflicts. The conflict does not contain the above features. Escalating conflict can lead to violence, but it does not always lead to violence. In my opinion, domestic violence is unacceptable, conflicts should not escalate into violence.

Transport hazards (accidents and accidents)

The need for transport in our time is undeniable. Vehicles have a great positive impact on the economy of the country, create convenience and comfort for people. The development of transport, enhancing its role in people's lives, is accompanied not only by the positive effect, but also by the negative consequences, in particular, the high level of vehicle accident and road accidents (road accidents). Road transport. In the world, 250,000 people are killed annually as a result of an accident and approximately 30 times more are injured.

The Law of Ukraine "On Traffic" defines the legal and social bases of traffic in order to protect the life and health of citizens, to create safe and comfortable conditions for road users and to protect the environment.

As a result of an accident in Ukraine, 5-6 thousand people are killed annually and more than 4 thousand are injured.

In my opinion, the causes of road accidents are violations of traffic rules, and technical malfunctions of cars, speeding, lack of training of people driving cars, insufficient response. Drivers and passengers may encounter poor road conditions, open sewer hatches, unlit sections of road undergoing repairs, and the absence of hazard warning signs.

I am sure that if you observe the rules and duties of participants of mass and sports events, the dangers can be avoided

1. Participants of mass sporting event have the right to:

1) pass to a sports facility in the presence of documents that give the right of passage;

2) use all the services provided by the organizers and the administration of the facilities;

2. Participants of mass sporting event are obliged to:

1) observe the provisions on holding a mass sporting event, rules of conduct for participants in conducting a mass sporting event;

2) prevent actions that provoke viewers to violate law and order and public safety;

3) to prevent other activities that create danger for others;

4) fulfill the legal requirements of the employees of the administration of the objects, the organizers of the event, the persons who participate in ensuring the order of holding a mass sporting event, law and order and public safety;

5) to present to the representatives of the organizer, the administration of the object documents giving the right to enter a mass sporting event, as well as a pass for the entry of motor transport into the territory of the place of the mass sporting event, if this is provided by the procedure of its holding;

6) immediately notify the organizer, the administration of the facility and the law enforcement agencies of cases of detection of suspicious objects, things, hostage and all cases of smoke or fire;

7) when receiving evacuation information, act in accordance with the instructions of the facility administration, organizers and law enforcement officers, keeping calm and not creating panic.

Personal problems and concerns

For most people, a sense of security is associated with daily problems and hourly concerns, and is not based on the threat of global catastrophes or international conflicts. Protecting a home, workplace, sex, health, environment are the main problems of human health. Hence the personal need for security: from bullying and crime, protection from ill-considered political actions and ineffective management decisions. Therefore, the sense of security has an individual touch, on the one hand it depends on the level of social and spiritual development of the individual, on the other hand - on the cultural situation and social order.

Freedom and protection are essential components of security (UN). The concept addresses freedom in three main areas: freedom from fear, freedom from poverty and freedom from creativity.

In my opinion, the most dangerous and harmful factor for human life is the presence of radioactive substances in food. Because currently the presence of radioactive substances in food is increasing rapidly and this has negative consequences for the health and life of the population, even a small amount of radionuclides in the food is dangerous. Radioactive substances contaminate agricultural crops and crops, which can therefore become unfit for human consumption and animal feed. To date, nearly 18 years after the Chernobyl disaster, the most significant and dangerous in terms of radiation and hygiene are radionuclides such as cesium-137 and strontium-90. In the second place in terms of danger and harm, I chose murder and intentional damage, because today it is also the unsolved problem of all mankind. Among these factors, to me, the least dangerous and harmful are price increases and personal problems and worries. I believe that these factors are the least threatening to a person's life.

On the basis of social approach, she conducted an individual static assessment of dangerous factors for human life, using a point system and made certain conclusions. I chose military action as the most dangerous factor, which estimated at 40 points. I don't want to talk about such terrible things, but the war that started in April 2014 continues. Almost every day in the media (Ukrainian and foreign) there are reports of shelling, wounded and killed. The war led to the loss of territories of Ukraine, a military confrontation in the east, when, after Russia's occupation of Ukrainian Crimea, an armed confrontation began in Donbas between the Russian hybridic forces and the Armed Forces of Ukraine. Today's armed conflict has claimed the lives of many. In fact, a civil war may indeed begin. In my opinion, war poses the greatest threat to people, not only to those who are in hot spots. It has touched each of us, and if left unchecked, people will continue to die, protecting the country and fighting for a better life for their families. In 39 points, she estimated the killings and intentional injuries.

Every now and then, there are more and more news stories about the maniacs who brutally kill city dwellers in public; young people's companies cause conflicts and, under the influence of alcohol, punish others, leading to sometimes unwanted, even grave consequences. Residents of the city live in constant fear. For the least dangerous factors, I gave a score of 1 to personal problems and concerns. Because we can solve personal problems without harming ourselves and others. She rated sports and mass events at 2 points, because in my opinion sports events are useful for people, they make them stronger in spirit and body, and mass events involve participating, not being indifferent, being aware of all events.

Essay on "Statistical Assessment of Hazardous and Harmful Factors for Human Life" In February 2019, 1,498 new cases of HIV were officially registered in Ukraine, 713 patients were diagnosed with AIDS, and 296 died of AIDS, and AIDS ranked 40 in my nameplate. Why? Because there are many avenues of infection and you never know where trouble may occur. Whether at the dentist, or at the session with the tattoo master ... 39 place - road transport. Reviewing statistics on road accidents published by the National Police Patrol Department, it turned out that since the beginning of the year there were 86.7 thousand accidents in Ukraine. That is, on average, every day - 409 or one accident every 3-4 minutes. In the capital alone in 7 months there were 22,4 thousand road accidents. Compared to last year, the figures increased by 8-12%. (main reasons: violation of crossing rules; non-observance of safe distance; speeding; drunk driving). Yes, and as many of my friends were involved in road accidents with different consequences, that is why it gave 39 place to road transport. 1 and 2 place in the plate I gave "Sports and mass events" and "poverty" If at 1 I do not see any danger at all, then at the expense of the second I think that in the modern world even the capital will not find a job so that it cannot provide itself just lazy. The main desire and desire to achieve something!

According to the Schulte table, the definition of selectivity of attention is at a good level, since the average time spent on a task was 30.6. And from the concentration test I have a satisfactory result. The distribution and switching of attention is not at a very good level, but it gives me the motivation to improve the

results. According to the methodology of the Red and Black Table, I have 41 points, that is, the assessment of switching attention is good for me. Getting information is effective. I also remember the words well, according to the short-term memory test. My personality type is a logistician, where the mind is more introverted than extraverted, and energy is more realistic than intuitive. My IQ is average, ie 92 points. According to the Lusher test, I have a willingness to experience, a need for satisfaction and a need for self-affirmation. I am afraid of loneliness and frustration, I need to dominate. I make demands on the people I intend to communicate with so that I will not be disappointed afterwards. I have a protest position. I have a sensual relationship without intimacy with others, I think that I am not respected enough, but I want to be valued and respected more. I have an average anxiety level of 8 out of 12.

Tests: Part 1

1. I have 47 seconds. It was very difficult to pass this test because I spent a lot of time on each of the tables.

2. I have low concentration because of the 7 words I mentioned only 4, 2 from the front and 2 last.

3. This test was very interesting and fast, I quickly managed it in 21 seconds - I have 5 points.

4. At first, it took me a long time to get to the rules of this test, after reading in more detail and more carefully it became a little clear, but I could not pass the test with ease - 28 words

5.a) I got 30 words, I think I could do better.

b) At me, 41-50% is good

These tests were easy to understand and very fun to pass.

6. I was not careful enough and got a bad grade, I remembered only the first and last lines and often confused the sequence of words -3,5

Part 2

1. I passed this test - I am a fighter, I think this characteristic is not very suitable for me.

2. This test was the easiest of all that I went through, thinking and choosing a sequence of different forms is quite interesting, it seems to me that only in this I am well-versed- I answered all but 3 or 4 questions correctly so I have 121-130

3. I found this test incomprehensible and uninteresting, the colors were quite primitive and I do not understand how to characterize them.

Having made a statistical assessment of the dangerous and harmful factors for human life, I concluded. Some factors from this table I could exclude among them are sports and mass events, personal problems and worries, reservoirs (bathing, rest). All these factors do not pose any threat to human health and life. Some of them, on the contrary, encourage people to have a healthy lifestyle, to do sports, and so on. But there are some factors that I would like to include in this table are the low level of health care that leads to a sharp type of illness, the influence of atmospheric pressure that can cause co-morbidity, and the atmospheric pressure affects the condition of people who have arthritis illnesses. and arthritis.

I believe that the most dangerous for our country may be hostilities. This is a direct danger to your own life and health from shelling. The environment becomes unsuitable for existence: dirty rivers, air, burnt forests - lead to increased manifestations of respiratory diseases, all kinds of allergies. AIDS is also dangerous enough. This virus affects special blood cells that are responsible for protecting the human body against various germs and gradually killing these cells. According to an individual assessment, personal problems and worries are the least harmful factor for a person's life, because they are everyone's business and they never end. There will always be some problems along the way, but they will be resolved over time. The second factor, in my opinion, should be sports and mass events. On the contrary, it adds health to every person and, to some extent, the ability to live for more years. But in the third place I put aviation transport. The modern world, at the moment, has no boundaries in science, which is why the plane is considered the least dangerous transport to travel the world and the fastest way to get to the other end of the world.

The Chair establishes that all committee members are in attendance in person or via video- or teleconference call. The exam cannot proceed without the minimum

FGSR required membership of the exam committee. Up to two examiners may attend via video- or teleconference call, though it is preferred for no more than one examiner to attend remotely. • All formal exams typically follow a student seminar (exit seminars), or a student's presentation (candidacy exams). Following the presentation, the Chair opens the examination with a brief introduction of the examiners (if required), and by explaining the exam procedure.

- In case of candidacy exams, the student's course record and academic accomplishments and recognitions are also briefly reviewed by the Chair.

- Subsequently the Chair establishes the order of questioning, usually starting with the examiner furthest removed from the student's research project, and ending with the supervisor. The chair may encourage out-of-order follow-up questions for a more interesting and engaging exam.

- In case of doctoral exit exams with an external reader, the Chair starts the exam by briefly summarizing the commentary and conveying the questions for the candidate's response.

- Typically, two rounds of questioning are conducted, with the first round 15-20 minutes per examiner, and the second round 5-10 minutes. Normally, the total time of questioning should be about 2 hours with a 5-10 minute break after about 1 hour. For large committees, the second round may be shortened to 1-2 questions, or the supervisor may be asked to keep it brief. However, the university-external examiner in doctoral exams should be given ample amount of time to raise all concerns he or she may have.

- The Chair keeps track of time, ensures that the focus stays on questioning the candidate, intervenes if questions are not fair, and schedules breaks as necessary.

- The questioning is concluded by giving the candidate the opportunity for a closing statement or voicing any concerns or questions he or she may have. We do not recommend to encourage the student to revisit questions that may not have been well answered. • The candidate is asked to leave the room for the committee to deliberate the outcome. The outcome is determined in two rounds of polling of the exam committee members in the order of questioning.

- In the first round, the examiners note their first assessment of the result without justification as to not unduly influence the other committee members. The outcomes for exit exams are “Pass”, “Pass subject to revisions”, “Adjourned”, and “Fail”. For candidacy exams they are “Pass”, “Conditional pass”, “Fail and repeat”, and “Fail and practical task, have selected the 3 worst-of-life citizens of Ukraine, the factor that poses the greatest threat to us. The first critical factor, which is rated at 40 points, was selected as "Military Action". The second, with a score of 39 points "Terrorism". And the third "Radioactive Substances in the Environment" at 38 points. I believe that the military actions lead, in addition to the most obvious consequences such as: the destruction of homes, general destruction and poverty, even before the economic collapse of the state of the country, threatening the environment, worsening social conditions.

In times of war, the government focuses on such pressing issues as financing the army, housing refugees and providing medical assistance to the wounded. But the worst consequence is the massacre of people. Terrorism is also a factor in the negative effects of which people perish, which is unacceptable. In the first place there must always be human life, so these are the 2 most dangerous factors. Radioactive substances in the environment are also a major threat to the public. First, it is a high risk of a mutation in the human body, or the development of cancer. Secondly, in the reproductive system, women may have mutations that cause a baby to be born with certain physical and mental illnesses. Now, many children are born inferior, as emissions of radioactive substances increase every year. The safest factor is sports and mass events. On the contrary, they make our leisure activities useful, promote physical health, and guarantee a great mood. Another safe factor is aviation. According to statistics for 100 million miles, 0.6 people are killed. An average of 1 million flights per aviation adventure occurs. And the third safe factor is personal problems and worries. After all, personal worries are not total problems, such as natural disasters or war that cause people to die, they can always be solved.

In total, there should be at least three examiners. The majority of examiners (normally 2 of 3) must be U of A Faculty, defined as tenured, tenure-track, retired

faculty member, or a Faculty Service Officer (current or retired categories A1.1, A1.3, or current category C1.1, as per the University's Definition and Categories of Academic Staff and Colleagues).

- An arm's length examiner is knowledgeable in the field and comes fresh to the examination. They must not be (or have been) a member of the supervisory committee, or have been connected with the thesis research in a significant way. The examiner should not have been associated with the student, outside of usual contact in courses or other non-thesis activities within the University, nor be related to the student or supervisor(s). The arm's length examiner should not be a former supervisor or student of the supervisor(s). An arm's length examiner should not be an active collaborator of the supervisor(s).

- All members must attend the examination, and it is recommended no more than one member attend the examination by video conference or teleconference call.

Only under exceptional circumstances and with approval by the graduate coordinator may the supervisor attend remotely. • The exam must be chaired by a faculty member from inside the Department. If the arms-length examiner is a faculty member from inside the Department, he or she may serve a dual role of examiner and chair. The exam may be held at locations other than the University of Alberta. Guests are not permitted during the exam.

Everyone thinks there are different levels of dangers and factors for their lives. Everyone has their own opinion about assessing a dangerous situation that will be detrimental to their existence in this world. In my opinion, one of the safest factors offered is aviation. How can I justify this? Of course, a person chooses what kind of transport to travel, and it is only after a failed flight that 99% of people die. They die not of their own volition, but the most important thing is that during a catastrophe, a person cannot save himself knowing that in a few seconds he will die. It is in flight we are not sure what this flight will be like. And of course, there are also positive factors to this vehicle - it is usually time-saving and convenient. Another dangerous factor is AIDS or HIV. The largest amount of the virus is found in the blood. That is why its transfusion from an HIV-positive donor almost always leads to infection of the recipient. It is also dangerous to

inject blood products or use contaminated blood with medical equipment. However, it is not only the hospital that can acquire HIV with blood. There are many situations in which one person's blood may get on the damaged skin or mucous membranes of others: in particular, when sharing toothbrushes, shaving blades, and combs, tattoos and piercings if they are made in handicraft conditions.

Manicures and pedicures can also be risky. This is another factor through which a person may suffer unintentionally, without even knowing for a certain period of time. Nature is not an unforeseen component of our lives. During natural emergencies, many people also die, sometimes even when dead do not find their bodies. In this case, one person also cannot stop the mortality. Emergencies such as earthquakes, floods, landslides, mudslides, storms, hurricanes, snow drifts, forest fires have killed more than three million people in the last 20 years alone. According to the UN, nearly one billion inhabitants of our planet have suffered natural disasters during this period. Another very important detrimental factor is nuclear power. Nuclear power plants emit radionuclides that have a carcinogenic effect that can cause cancer. This does not require an accident - nuclear power plants emit these substances during their daily work. Radiation can seem pure only because we do not see it, we can neither feel it nor touch it. But this does not mean that it is not released from nuclear power plants and other facilities of the nuclear industry and does not have a negative effect on human health. If one considers the life-threatening factors, but not as tragic as those discussed above, one of them may be personal problems and concerns. Each of us has difficulties in life, and it is not necessary to attribute it to critical dangers. When this problem is not life-threatening, you can only find the right solution. There are often situations where you are turned away from loved ones or those you were so sure of, and that only tempers you for life. In order to achieve this goal, one must fight and especially fight for life. Everyone supports their physical fitness. And everyone is likely to get the wrong situation, but this is not comparable to what could happen in an emergency due to natural conditions. Of course, if you follow the rules, then you will not have any of the troubles, and participation will be fun and more. Unemployment is not a critical situation for life. It is during this time

that you can focus on your health and find a prestigious job. Unemployment is possible even when you are ill for more than a certain period of time, so it is worth concentrating and responsibly treating your health. Also, it is only a period that a person can always change only at will, and not ask about the weather.

The problems of humanity do not allow thinking and intelligent people to live peacefully. In the first place (№ 40) of my statistical assessment of dangerous and harmful factors for human life I will put the problem of AIDS. There is such a problem around the world when people, through their own ignorance, become infected with the disease. Some patients with VIL do not have the ability to afford to spend money on expensive medicines that make them feel as if they were without VIL. If these are big cities, some volunteers and even the country can help. But in small cities, this problem is very acute because of the lack of medication, people are launching their HIV into AIDS, which is virtually impossible to keep stable, with mortality increasing.

The decision of the examining committee will be based both on the content of the thesis and on the candidate's ability to defend it. Agreement on the exam outcome is reached, when all or all but one of the examiners agree to an outcome of Pass, Pass subject to revisions, or Fail, or when a majority of examiners agrees to an outcome of Adjourned. If no agreement can be reached, the Department will refer the matter to the Associate Dean, FGSR, who will determine an appropriate course of action. The possible outcomes are explained in detail below. In case of an outstanding thesis, the exam committee may nominate the student for a Departmental Outstanding MSc Thesis Award. Nominations should be ~500 words and mention thesis-based publications, explain scientific contributions or applied value of the research, and point out exceptional seminars or exam performances.

Nominations should be made by the exam chair with input from the supervisor and examination committee immediately following the defense. Submit the nomination together with exit-exam paperwork to the Graduate Administrator. the problem of the presence of chemicals in food. In our country, there are not very good products on the supermarket shelves. This happens because the manufacturer tries to

get the most walrus, while adding preservatives, palm oil to the food, which then negatively affect the health of citizens.

Under No. 38, I mentioned the problem of suicide. They happen very often because of unhappy love, because of lack of money, loans. In my opinion, more attention should be paid to this, for example, to consult psychologists and psychiatrists. This is more often the case with teenagers, as an under-formed personality due to the fact that his or her girlfriend or boyfriend has left, will begin to lay hands on it.

Under # 1, I have identified national conflicts. I find this not very important, because each person perceives the world differently. If you hold liberalist views, or you like to study Marxism, it does not make you or the person who is interested in it bad.

Under # 2, I chose surgery. Many people do not like their appearance because we are not able to choose it. I can still perceive those people doing plastic surgery as a result of injuries or through the wrong part of the body. During any surgery, one should consciously choose a normal doctor, because due to corruption in our country, not everyone has a real specialist diploma.

Under # 3, I mentioned the problem of high prices. Due to rapid progress and high oil prices, prices have started to increase in recent years. In my opinion, if a person will consciously spend their own money on everything they need, then they will be able to save, and as a result of higher prices in the future, they will not need money

Statistical evaluation of dangerous and harmful factors I have read and performed a statistical evaluation of dangerous and harmful factors for human life. I have made individual assessments by my own criteria. "Kills and deliberate damages", "suicide", "terrorism", "hostilities", "fires" I consider the most dangerous for my life. In view of the situation in our country, I decided that such factors are very dangerous. It is also these factors that scare me the most and are most threatening and likely to die. I find the "price increases", "Electricity" and "Unemployment" the least life-threatening. Because in my opinion you can find a

way out of these situations. You can grow vegetables and fruits and eat. You can save on food and eat natural fruits and vegetables. And the likelihood of dying from electric current is very low. I reflected on the assessment of dangerous and harmful habits, starting from my own life experience and taking into account my life situations.

Option 5 Example 1 $R = (2515 + 1658 + 434) : 4607 = 1$ -total $R1 = 2515 : 4607 = 0.5$ $R2 = 1658 : 4607 = 0.3$ $R3 = 434 : 4607 = 0.09$ Example 2 80: 4000 group risk 80: 9.6mg-total 80: 800k-total Example 3 There may be several options, but I would choose - 4A Example 4 4.8: (general population) -general risk 22.4: (population of Ukraine) -general risk 1C- unacceptable risk risk Example 5 2: (population of Ukraine) -general risk 1A 3: (population of Ukraine) -general risk 2: 4.9-group risk 1A 3: 3.7-group risk

In my opinion, the most dangerous factors in a person's life are war, nuclear power and AIDS. It is these factors that affect the lives of not only one nation, but of the whole of humanity. One of the most dangerous factors is military action, because they bring a large amount of losses. At present, we are aware of all this, because since 2014 there has been a military conflict on the territory of Ukraine, started by Russian troops in the territory of the Ukrainian Donbass. Ukrainians give their lives for their home country, but there are those who are not aware of the extent of this tragedy. Nuclear power is considered to be a dangerous factor. Such stations cause the emergence of radioactive waste, which is dangerous to human life. Radiation affects the thyroid gland and affects the immune system. air is an unregulated amount of radiation. This is a threat to all humanity, because we have had this practice since the Chernobyl accident.

AIDS is another dangerous factor. I chose this disease because the cure for it has not yet been found, that is, the disease is incurable at present. Among the safest factors listed are personal problems and worries, unemployment and poverty. I believe that personal problems and worries do not affect human health very much, because we can cope with them ourselves and this does not cause us much harm. Unemployment can be overcome by our own skills and desires. Poverty, in turn, can

be to overcome the desire to work, the interest in something and the wobble. So, analyzing the statistics of dangerous and harmful factors for human life, we can say that, in most, the person is self-harming, but do not think about it. This includes the use of alcohol, smoking and drug addiction. we protect our health.

Statistical Assessment of Hazardous and Harmful Factors for Human Life On a 40-point rating scale, in my opinion, smoking is the least threatening to me (1 point). I am categorically negative about this habit and even find it difficult to be in a place where others smoke. Second place (2 points) is occupied by narcotic substances. In light of the above, smoking is not acceptable for me at all. Third place (3 points) is suicide. I don't think I'm capable of it. Even if she wanted to, I had too little courage to do so. Fourth place (4 points) - sports and mass events. I rarely go to big events. More often than not (almost always) I prefer to stay home, as I am quiet and peaceful. In my opinion, the biggest threat (40 points) to me is murder and intentional harm. In today's world, no one is immune to this and anyone can do it. Slightly less threatened (39 points) are fires. They can happen as a result of many factors. This can be caused by human activity and natural disasters. 38 points - infectious diseases. Every day, more and more of them can get sick. 37 points - medicines. More and more medicines are forging or producing substandard ones. Therefore, they can pose a threat to life and health. Essay Humanity's problems do not allow thinking and intelligent people to live peacefully. In the first place (№ 40) of my statistical assessment of dangerous and harmful factors for human life I will put the problem of AIDS. There is such a problem around the world when people, through their own ignorance, become infected with the disease. Some patients with VIL do not have the ability to afford to spend money on expensive medicines that make them feel as if they were without VIL. If these are big cities, some volunteers and even the country can help. But in small cities, this problem is very acute because of the lack of medication, people are launching their HIV into AIDS, which is virtually impossible to keep stable, with mortality increasing. Under No. 39, I raised the problem of the presence of chemicals in food. In our country, there are not very good products on the supermarket shelves. This happens because the manufacturer tries to get the most walrus, while adding

preservatives, palm oil to the food, which then negatively affect the health of citizens. Under No. 38, I mentioned the problem of suicide. They happen very often because of unhappy love, because of lack of money, loans. In my opinion, more attention should be paid to this, for example, to consult psychologists and psychiatrists. This is more often the case with teenagers, as an under-formed personality due to the fact that his or her girlfriend or boyfriend has left, will begin to lay hands on it. Under # 1, I have identified national conflicts. I find this not very important, because each person perceives the world differently. If you hold liberalist views, or you like to study Marxism, it does not make you or the person who is interested in it bad. Under # 2, I chose surgery. Many people do not like their appearance because we are not able to choose it. I can still perceive those people doing plastic surgery as a result of injuries or through the wrong part of the body. During any surgery, one should consciously choose a normal doctor, because due to corruption in our country, not everyone has a real specialist diploma.

Under # 3, I mentioned the problem of high prices. Due to rapid progress and high oil prices, prices have started to increase in recent years. In my opinion, if a person consciously spends their own money on everything they need, they will be able to save, and as a result of higher prices in the future, they will not need money.

Sheep Gleb, 1 year 1 group, EP

Practical work 1

40) In my opinion, the most dangerous factor is the use of alcohol. I think so for a number of reasons. First, it is scientifically proven that alcohol has a very destructive effect on the nervous system, the heart system and the human brain. I have given the highest level of danger to this factor because alcohol is very common and very affordable. The problem is that in many countries beer and vodka are cheaper than books and sports equipment. Alcoholism, unfortunately, is widespread both among young people and adults, and is of a large scale.

39) The second danger in my opinion is a factor such as the use of poor quality food. In the former USSR countries, since the 1990s, the phenomenon of counterfeit goods has remained. On the shelves of our stores about 30% of the products are

counterfeit and this statistics is really shocking. Under the guise of milk, butter, cereals, we sometimes buy low-quality products, which poses a great danger. Many products also have elements that are unhelpful to our health, including emulsifiers, palm oil, flavor enhancers and odors. All this has a negative impact on our health and, in my opinion, is a great danger.

38) Another danger factor is Narcotic Substances. It is a fact that after the collapse of the USSR, the former republics became the largest drug users in the country. All drugs came to Russia and Ukraine from Tajikistan, Mongolia, Turkmenistan and other countries in the east. Unfortunately, this trend has continued to this day, but on a much smaller scale. However, drug addiction and drug use in general are urgent problems in our country, which is why I consider it the 3rd most dangerous factor.

37) AIDS in my opinion is the 4th most dangerous factor. As mentioned above, in the 1990s, Ukraine was covered by alcohol and drug addiction, and AIDS was not considered a serious problem in our country at that time. Poverty, unprotected sex, drug use with a single syringe, and banal ignorance and lack of awareness have fatally affected the situation, creating a real social catastrophe among different sections of the population. Ukraine has the worst AIDS situation in Europe and is in fact the largest focus on AIDS in Europe. Official figures show that 1.5% of people aged 15 to 24 are HIV-positive. UNAIDS estimates that 2% of people in Ukraine are AIDS-infected.

36) I consider suicide to be the fifth factor of danger. Unfortunately, suicide is very common in Ukraine. In 2009, our country ranked 13th in the ranking of suicides in countries around the world. The level and number of suicides is strongly influenced by the political, social, economic and usually personal situation. But in fact, suicide practices are very common in our country. This means that more people should be treated more closely, and the country should practice suicide prevention.

Statistical evaluation of dangerous and harmful factors for human life
Factors with the lowest individual score
Domestic violence - 1 point
Smoking - 2 points
Alcohol consumption - 3 points
Drugs - 4 points
Suicide - 5 points
Domestic violence

is one of the worst phenomena in life for everyone. It is from people close to you that you expect support and care, and it is very bad if you do not receive it. Smoking, drinking alcohol and drugs is a taboo for me, because first I play sports and secondly I don't see it in that sense. The desire for suicide is inherent in a person who has been abused in any form that has no friends because of the whims of a character and the person who uses drugs. At the moment I am completely satisfied with my life so I do not consider suicide a threat to me.

Highest Individual Score Factors

Presence of radioactive substances in air, water and soil - 35 points

Presence of chemicals in air, water and soil - 36 points

Infectious diseases - 37 points

Food poisoning - 38 points

Road transport - 39 points

Increase and decrease of atmospheric parameters 40 points

Environmental issues are currently a major problem around the world and Ukraine is no exception. Unfortunately, no concrete steps are being taken to solve this problem and people have to hope that environmental issues robblemy MKO our country side. Since I often buy fast food (which is one that is doubtful), I consider food poisoning quite possible for me. Road transport is a major threat to Ukrainians. Looking at the number of crashes made by cars, you can go head to head, because the numbers are scary. And since I currently live in Kiev, where there is a very strong traffic flow, I consider cars to be one of the major threats for me.

Test 1

Are you a personality conflict?

To find out, use a test by choosing one answer to each question.

1. The public transport pass argument in a raised voice. Your reaction?

a- not involved;

B. vyslovlyuyus briefly to defense side, which I consider right;

B- actively interfere, the "cause the fire itself."

2. Do you speak up at meetings criticized leadership?

nor;

B. only when I have important reasons for this;

B criticized for any pretext not only leadership, but also those who protect.

3. Often you argue with your friends?

a- only if it is inoffensive people;

B. only on fundamental issues;

B disputes - my element.

4. queues, unfortunately, consistently part of our lives. How would you react if someone will come from?

a- oburyuyus in the shower, but keep quiet: a more expensive;

B. make comments;

B pass forward and begin to watch the procedure.

5. Home for lunch filed nedosolene dish. Your reaction?

a- I will not raise a rebellion trifles;

B. silently take the salt;

B did not refrain from harsh comments and may deliberately give up food.

6. If the street, in transportation you stepped on the foot. Your reaction?

a- indignantly'll see the offender;

B. dryly make comments;

B vyslovlyus not on ceremony in expressions.

7. If someone from the family bought a thing that you did not like:

a- silent;

B. limit myself to a brief comment considerate;

B- arrange scandal.

8. No luck with the lottery. What do you think of this vidnesetes?

a- try to go indifferent, but in my heart I will give a word never participate in it;

b- not hide frustration (frustration), but vidnesus to what happened with humor, promising to take revenge;

B- long losing spoil the mood.

Now count points scored based on the fact that each "a" - 4 points, "b" - 2 "in" - 0 points.

If you typed:

From 22 to 32 points - you are tactful and loving, easy to avoid disputes and conflicts, emergencies at work and at home. The expression "Plato is my friend, but

truth is more expensive!" Has never been your motto. Maybe because you sometimes called opportunists. Please be brave if circumstances require essentially say, despite the person.

From 11 to 21 points - you believe human conflict. But in fact you conflict only when there is no other choice and other measures expired. You strongly defend their opinion, though how it will affect your state official or friendly relations. It is not beyond the scope of correctness, not to pryntzhuyetes image. All this is to have respect.

Up to 10 points - disputes and conflicts - the air, without which you can not live. Love criticize others, but if you hear the remarks in his address, can "eat alive." Your criticism for criticism, and not for good cause. It is very difficult to have those next to you at work or at home. Your intemperance and coarseness repel people. Is it because you have no real friends? In short, try to overcome his grumpy character!

Test 2 (TEST Thomas)

Select those statements that are most typical of your behavior characteristics:

1. A. Sometimes I give the opportunity to others to take responsibility for the issue that caused the dispute.

B. I try to point out what we both agree than discussing something which we disagree.

2. A. I try to find a compromise solution.

B. I try to settle the case with the interests of others and my own.

3. A. I try hard to achieve his.

B. I sometimes sacrifice their own interests for the benefit of another person.

4. A. I try to find a compromise solution.

B. I try not to offend the feelings of another person.

5. A. Uladnuyuchy contradictory situation, I always try to find support in another.

B. I try to find the best way out while avoiding unnecessary stress.

6. A. I try to get out of the conflict situation with minimal losses for themselves.

B. I try to get her, whatever it was.

7. A. I try to postpone the issue of conflict resolution in order to eventually solve it completely.

B. I think it possible to give your partner something if it will lead to positive results in resolving the issue as a whole.

8. A. Normally, I try hard to achieve his.

B. First of all I try to define the essence of conflict issues and find out what what are all affected (affected) the interests of the parties that address these issues.

9. A. I think that does not always have to worry about any emerging differences.

B. I devotes every effort to achieve his.

10. A. I try hard to achieve his.

B. Usually, I want to find a compromise solution.

11. A. First of all, I try to define that from which all consist infringed (affected) the interests and questions.

B. I try to consider the interests of the other and mainly preserve our relationship.

12. A. I usually stick to the neutral position to avoid disputes arising.

B. I give another opportunity to have an opinion when it also comes to meet me.

13. A. I stick to the neutral position.

B. I strongly defend their own point of view, taking into account the opinions of partners.

14. A. I tell the other their views and asked about his views.

B. I try nav`yazaty other logic and prefer my views.

15. A. I try to take into account the opinion of the other and save our relationship.

B. I try to do everything necessary to avoid conflict.

16. A. I try not to offend the feelings of another.

B. I usually defend their position, considering it better.

17. A. Normally, I try hard to achieve his.

B. I try to do everything to avoid useless tensions.

18. A. If it makes the other happy, I will give him the opportunity to insist on his.

B. I give another opportunity to stay in his mind if he also comes to meet me.

19. A. First of all I'm trying to define something which consist of all interests and controversial issues.

B. I try to postpone the decision controversial issue to eventually solve it completely.

20. A. I try to immediately overcome all differences that have arisen.

B. I try to find a mutually beneficial solution to the question with minimal losses.

21. A. Through negotiations, I try to be attentive to the interests of another.

B. I always lean to a direct discussion of issues.

22. A. I try to find a position that is in the middle between my position and point of view of another person.

B. I am convinced of the correctness of their position and defend their interests.

23. A. I usually concerned to satisfy the desire of all of us.

B. Sometimes I give the opportunity to others to take responsibility for solving controversial issues.

24. A. If the other's position is considered very important to him, I will try to meet its interests.

B. I try to convince the other to reach a compromise.

25. A. I try to show a different logic and benefits of my views.

B. Through negotiations, I try to be attentive to the interests of the other, and above all take into account their interests.

26. A. Generally, I suggest a compromise. B. I almost always try to consider both their interests and the interests of the parties so.

27. A. As a rule, I avoid to take a position that might cause controversy.

B. If it makes the other happy, I'm happy it will support.

28. A. Normally, I try hard to achieve his.

B. Uladnuyuchy situation, I certainly try to find support in another.

29. A. I offer a compromise solution.

B. I believe that not always have to worry about any differences arising

30. A. I try not to hurt feelings of others.

B. I always take a position on controversial issues that we together with other interested person could succeed.

Mark your answers in the key to the test.

Number of points gained by each individual scale, gives an idea of the prudence of his tendencies to exercise appropriate behavior in conflict situations. The maximum number of points for each type of behavior – 12. By counting the amount you typed points, determine which type of behavior in the conflict situation prevails in your behavior.

Please conclusions tests number one (as far as you personality conflict) and number 2 (which behaviors specific to you subject to the conflict).

Key to the test

№	Competition	Cooperation	Compromise	Avoidance	Adaptations
1				A	B
2		B	A		
3	A				B
4			A		B
5		A		B	
6	B			A	
7			B	A	
8	A	B			
9	B			A	
10	A		B		
11		A			B
12			B	A	
13	B		A		
14	B	A			
15				B	A
16	B				A
17	A			B	
18			B		A
19		A		B	
20		A	B		

21		B			A
22	B		A		
23		A		B	
24			B		A
25	A				B
26		B	A		
27				A	B
28	A	B			
29			A	B	
30		B			A

Recommendations regarding conflict resolution

Constructive debate as deliberately organized clarify the opposing viewpoints, to help resolve conflicts in interpersonal relations. Technique of conduct can be used in business and personal spheres.

Constructive debate has three distinct and consecutive phases.

1. Introduction. Accomplices have to confirm consent to the dispute and report what she called.

2. Average. The very argument. This is the essence of the dispute, not around it. Locations to respond to the need expressed by misunderstanding, criticism. Put your opinion specifically and clearly.

3. Conclusion. A decision on the issue that caused the dispute. You either acknowledge his mistake, or prove the validity of your position. Naidoo another something good and positive.

Conclusions: _____

QUESTIONS:

1. Identify and classify dangerous factors.
2. What are subgroups of physical factors of danger?
3. What are the factors of chemical hazards?
4. Describe the biological factors of danger.
5. Provide the classification of physiological factors of danger.
6. What is the risk in the life safety?
7. What is concluded quantitative risk assessment?

8. What is the axiom of danger?
9. What are the types of risk?
10. Name the kinds of environmental risk.
11. What methods of risk used in medical and environmental research?
12. Provide a definition of anthropogenic risk.
13. What is social risk?
14. What is social risk calculation?
15. Name the signs of structuring social risk.
16. What is a subjective risk?
17. What are the types of compensation acceptability of risk?
18. What are the qualitative characteristics of risk?
19. What is the statistical evaluation of hazards?
20. What is Noise?
21. Give characterization zones and the level of noise pollution in the city.
22. What are the main characteristics of the work with the PC?
23. Name the preventive measures when working with PC.
24. According to the Rules of fire safety in Ukraine which are major organizational measures to ensure fire safety?
25. What are the main activities of the persons responsible for fire safety?
26. What is a fire protection system?
27. What fire safety the object?
28. What are the main sources of ignition protection?
29. What is a chemical safety?
30. Describe the concept of "conflict", "types of conflicts", "ways of resolving conflicts," "behaviors in conflict situations on the model of Thomas."
31. What forms of conflict do you know?
32. Name the types of conflict regulation.
33. What are the orders of rescue in case of emergency?
34. Describe the implementation of sanitary and anti-epidemic measures
35. How is the investigation of accidents outside work?

Theme. Management of forces and means of civil protection during emergencies.

Practical class №8. Quantitative assessment of emergencies

Aim. To review the Classification of Emergencies of Ukraine. To learn about the common characteristic of rescuing.

Task.

1. To learn about the Classification of Emergencies of Ukraine;
2. To study the procedure for providing public information about the threats of emergencies occurrence.

General provisions

1. The provision of public information on the threats of emergencies occurrence

Quantitative characterization of emergencies can be obtained by using the concept of acceptable risk, inherent in the classification cards of emergencies collected in the Classification of Emergencies in Ukraine (the principle of comparing risk of entirely different hazards).

To simplify machine information processing the classifier determines the original code of each emergency, consisting of 5 digits which indicate the class, group, and type of emergency, and a single letter that indicates the level of emergency (O - Object, L - local, R - regional, S - state).

To emergency situation of man-made nature (code 10000) belong the following groups (in parentheses the group code is indicated):

traffic accident (catastrophe - 10100)

fires, explosions (10200);

accident with the release of (the threat of release) highly toxic substances at the facilities of Economics (10300);

the presence of environmental pollutants exceeding the maximum allowable concentration (10400);

accident with the release of (the threat of release) radioactive substances (10500);

sudden destruction of facilities (10600);
accident at the power systems (10700)
accidents at systems for mining (10800)
accidents at communications and telecommunications systems (10900);
accidents at wastewater treatment plants (11000);
hydrodynamic accident (11100).

Emergencies of a natural character (code 20000) include groups:

geological (20100);
meteorological (20200);
hydrological marine and hydrological freshwater (20300 and 20400);
fire in natural ecosystems (20500);
infectious diseases of humans (20600);
humans poisoning (20700);
infectious diseases of farm animals (20800);
massive loss of wildlife (20900);
defeat of crops with the diseases and pests (20950).

Emergencies of social and political nature (code 30000) include:

- armed attacks, capture and retention of to the state bodies, diplomatic and consular offices, law enforcement, TV and radio and communication centers, military garrisons, public facilities, nuclear power plants and other objects of atomic energy (30100);
- an attempt on the state leaders and deputies of Ukraine (30200); assault, attempt on air crew or high-speed sea (river) vessels, theft or attempted theft, destruction or attempted destruction of such ships, taking hostages from among the members of the crew or passengers (30300);
- the establishment of an explosive device in a public place, institution, organization, enterprise, residential sector, transport (30400);
- the disappearance or theft from storage objects, use, recycling and during transportation of firearms, ammunition, artweapons, explosives, radioactive substances, drugs, medicines and raw materials (30500);

- identification of old ammunition (30600);
- failure on the arsenals, ammunition depots and other military facilities with the release of debris, jet and conventional shells (30700).

Within the process of determining the level of emergency three groups of factors are considered: the territorial distribution; amount of incurred (expected) economic losses and casualties; classification features of emergencies.

Upon the emergency, operational facility staff notifies its permanent governing body of the local emergency management and appropriate, upon subordination, sectoral management body of the local, regional, or national level.

Responsibility for timely, complete and objective information coordination of management of state emergency management is entrusted by the Cabinet of Ministers of Ukraine to the respective ministries and other central executive bodies, by which appropriate classification card are developed and agreed.

In case of further deterioration of the situation and meet the criteria specified in the last column of cards, the emergency moves to a state-level management bodies which from now on assume the responsibility for the timely, complete and adequate response to emergencies.

The main function of the state executive bodies, management of enterprises, institutions and organizations irrespective of their ownership form in the event of emergencies is to protect the population and its life-support organization.

Measures to protect the population are planned and carried out in all regions, towns, cover the entire population. However, the nature and content of protective equipment is set according to the degree of threat of the local conditions, taking into account the importance of production for public safety and other economic and social factors. Upon this, the city is divided into groups of importance and the objects in accordance with the categories concerning remedies in case of an emergency. This division is conducted by the Cabinet of Ministers of Ukraine

For cities, the following groups are established: special importance; the first group; the second group; the third group.

For businesses and organizations, the following categories are: special importance; the first category; second category.

The main measures to protect the population are planned and carried out in advance and are advanced in their nature. This is related primarily to training, maintaining constant readiness of individual and collective means of protection, their storage and preparation for evacuation from high risk zones.

2. General characteristics of the rescue works

Rescue and other urgent works are carried out in order to: save lives and help the hurt, localization of accidents and elimination of injuries, creating conditions for the following reconstruction works. In conducting rescue and other urgent works it is of great importance to comply with such conditions as the timely creation of groups of forces involved for rescue and other urgent works; timely reconnaissance; rapid movement and deployment to the center of destruction; continuous rescue and other urgent works until their completion; solid and operational management of the forces involved in conducting rescue and other urgent works; comprehensive support of their activities.

Rescue work include:

- intelligence of the units' routes and operations facilities;
- localization and extinguishing of fires at the routes and work areas;
- search for hurt and rescuing them from damage and burning buildings, gassy, flooded, smoky rooms, from debris;
- disclosure of destroyed, damaged, trapped buildings and rescuing people who are there;
- submission of air in buildings littered with damaged filter-ventilation system;
- provision of the first aid and evacuation of the injured to medical facilities;
- output (export) of population from hazardous areas to safe areas;
- sanitization of people, veterinary treatment of farm animals, deactivation and decontamination of equipment, protective means, clothing, food, water and forage.

Other urgent works are conducted as well.

QUESTIONS

1. What is an industrial environment?
 2. What are the main elements of the industrial environment.
 3. Describe the meteorological factors.
 4. What factors characterizing microclimate of home?
 5. What is the role of microclimate regulation?
 6. What are allergens? How will they influence on the climate?
 7. What are the main recommendations to reduce exposure to allergens in the domestic environment.
 8. Describe the lighting requirements for the workplace.
 9. What are the main real and potential threats to national security in the environmental sphere?
 10. Describe the main functions of providing subjecti the national security?
 11. Describe the structure of the safety management of life at the regional level?
- What are the order of rescue in case of emergencies?

Summary in this study guide

This is the worst danger to one's life and health from shelling. The environment is consistently unsuitable for living: dirty rivers, air, burnt forests - only when you have to detect respiratory disease, different allergies. Dangerous AIDS is also important. This virus affects special blood cells that try to protect a person from different germs and gradually kill those cells. Separately assessing the least harmful factor for a person's life, which is a personal problem and concern, unfortunately, this must be done by the person and they are never touched. In our opinion, there are always some problems, but they are also used. Another factor, in its world, has to be sports and mass. On the contrary, it adds health to every person and can be seen for more years. In the third place I put aviation transport. The modern world is not currently a corridor in science, so it tries to find the least dangerous transportation to overcome the world and the fastest way to work in other parts of the world.

Assessment of dangerous and harmful factors I conducted my assessment of dangerous and harmful factors for human life. At 40 points I rated natural disasters because I have a fear of the elements. As a child, my parents and I were in a storm on the river bank. There was a strong wind, sand and stones flew, then a thunderstorm and showers began, we had nowhere to hide. In such moments little depends on the person, and it is scary. 39 points I put the use of low-quality food. In my life, there have been unpleasant incidents associated with eating poor food, so I am cautious about food quality. 38 points received by road. Ever since I got my driver's license and got behind the wheel of my own car, I realized that the car was a high-risk vehicle for both me and others. So I try to be very careful at the wheel. In 3 points I appreciated reservoirs (bathing, rest), as I do not feel the fear and danger of staying near the reservoir, I swim well in my childhood, I went swimming. I live near the Dnieper River, swimming and relaxing there, my favorite summer activities. 2 points received unemployment. I have chosen a specialty that is in demand. There are many food companies in my area. 1 point received air transport. It is considered the most dangerous, besides I did not use it, so I am not afraid.

I have given the highest rating (40) to military actions as in my opinion they are the most dangerous and harmful factors for human life. This action creates a deeper conflict with the large-scale irreparable consequences. Warfare breeds bloodshed, murders of innocent people, death, violence, a broken psyche, thousands of victims, poverty, economic crisis, devastation, destroyed buildings, cities that have been wiped off the face of the Earth. People are forced to leave their homes, cities, countries, lose loved ones, shed bitter tears, and get nasty life imprints. Everything that has been created for thousands of years, years, to which an incredible amount of effort and effort has been put away is destroyed at one go. I praised (37) a factor such as domestic violence. First of all, I want to say that violence is a crime, and domestic violence is a crime on the part of the person with whom you live and to which you depend to some extent. One person offends another, disregarding his or her rights, and the other person (the victim) in most cases does not protect himself, revenge or ask for help as a result: beatings, violence, destroyed psyche, which in the future may also bear great threat to society, murder, death. I have given a low rating (4) to personal injuries in the way that I believe that in most cases they are caused by a person's inattention. But, of course, they are the result of accidents and deaths. The lowest rating (1) I preferred to put personal problems and worries in the way that I think that most problems the person invents for himself. All the problems in our head. Yes, sometimes personal problems can lead to complexes, or worse, suicides, but remember that there is always a way out. If you wish, your thoughts can be solved, you can solve your own problems, and if you do not manage yourself, there are thousands of methods available now, or you can consult a specialist to help them understand them. A person's life is full of dangers. Every day we face various threats that we sometimes create on our own.

Having analyzed the dangerous and harmful factors for a person's life, I have identified several basic ones for me. Given the events in Chornobyl, namely the events at the Chornobyl NPP, I placed nuclear power at the forefront of the threats to my life. In the second place is the presence of chemicals in the air and soil, because every day in the atmosphere, the earth, water is released a lethal amount of chemicals

that cause various diseases, mutational processes in the human body. And in the third place were the presence of radioactive substances in food, because due to the Chernobyl accident our land still suffers and is purified by the transfer of minerals, and with them radioactive substances into food. In the course of the analysis, I also found several factors that are least dangerous for me and my life. As it turns out, I do not suffer from the water because I almost do not visit them. Also, I am not threatened by the price increase because my parents earn well and I am studying for a wonderful highly qualified specialty. And the last factor is the special problems and worries, because they are all solved and because of them care and kill their nerve cells makes no sense. I think it is impossible to live without threats. But analyzing them can reduce their numbers. As an example, start working on dangerous situations that depend on you and that you can still influence. Ponds (bathing, resting) - for my life the pond is one of the least dangerous factor and the most accessible and convenient. Because I live in the Cherkasy region in Kaniv, which houses the Kaniv Reservoir and the largest river in Ukraine - the Dnieper. Bathing and this way of relaxation is beneficial for life and health. You can also not only swim near the pond, but also consider other types of recreation (sunbathing, reading your favorite literature, moving games both in the water and on the shore) (2) Sports and mass events - this item can be called not only the least dangerous, but the most beneficial to our lives. It is probably my most favorite activity in my life to take part in some events, because it brings a lot of pleasure, new emotions, acquaintances, discovering something new. In every new event you try something new for yourself, so you can find yourself and your sphere to your liking. (3) Medicines - they save our lives and in dangerous situations and moments of life they continue to give us some on a permanent basis and some on a temporary basis. But medicines are different and everyone will have their own opinion someone will refer them to the most dangerous, but for my life and life situations that I have lived and seen that they saved, so for me they are less dangerous and important for life. Of course, it would be wonderful if we didn't know anything about them at all, but unfortunately we cannot refuse them. (40) Smoking is the most dangerous factor in my life because I am constantly surrounded

by people who smoke. Smoking badly and badly affects my life. My dad's family also has such a bad habit, at the age when I went to school I also started to have this habit, but in time I was able to give it up and stop myself, but when I am near people who smoke inside the desire to do so also wakes up. (39) Warfare - before, I never even thought that warfare could be the most dangerous factor in my life, but four years ago this factor disturbed my family. When our military situation escalated in our country, Dad went to the ATO to defend the country, stayed there for two years, so this event was very much reflected in the memory and left a trail that military action is dangerous for every person and his life. People who are completely innocent are suffering through them. (38) Fires - I am in third place because of the negligence of her neighbors because of the negligence of her neighbors, the entire apartment was burned. Because of that, great troubles, worries and troubles began.

In my opinion, one of the odd and harmful factors for human life is terrorism. Today, there is a tendency to increase the number of acts of terrorism. This is due to social inequality between the population, violation of citizens' rights and freedoms. Also, the speed of the development of terrorist activity is affected by armed conflict, hostilities in the country and the uncertainty of the political situation. Terrorist acts can cause a number of dangerous situations, and in the case of weapons of war, military danger. Terrorist acts can be accompanied by the use of poisonous substances, powerful explosions and other means in the subway, concerts, rallies and other places of great concentration of people. The number of acts of terrorism perpetrated on a religious basis by different sects and extremist groups should not be forgotten. One of the important factors for me is that at the moment there is an anti-terrorist operation in the territory of Ukraine, which increases the illicit trafficking and sale of weapons and ammunition and radicals. This can lead to acts of terrorism in the territories of major cities of Ukraine and can affect a large number of civilians. I would also like to single out the dangerous factors associated with the presence of chemicals in the environment. Increases in factories and plants that do not treat production waste in an environmentally friendly way are harmful, and explosions lead to an increase in such harmful chemical elements in the environment. And no

one is safe from infection. I consider one of the safest factors to be an increase in prices. This, of course, Ponds (bathing, resting) - for my life the pond is one of the least dangerous factor and the most accessible and convenient. Because I live in the Cherkasy region in Kaniv, which houses the Kaniv Reservoir and the largest river in Ukraine - the Dnieper. Bathing and this way of relaxation is beneficial for life and health. You can also not only swim near the pond, but also consider other types of recreation (sunbathing, reading your favorite literature, moving games both in the water and on the shore) (2) Sports and mass events - this item can be called not only the least dangerous, but the most beneficial to our lives. It is probably my most favorite activity in my life to take part in some events, because it brings a lot of pleasure, new emotions, acquaintances, discovering something new. In every new event you try something new for yourself, so you can find yourself and your sphere to your liking. (3) Medicines - they save our lives and in dangerous situations and moments of life they continue to give us some on a permanent basis and some on a temporary basis. But medicines are different and everyone will have their own opinion someone will refer them to the most dangerous, but for my life and life situations that I have lived and seen that they saved, so for me they are less dangerous and important for life. Of course, it would be wonderful if we didn't know anything about them at all, but unfortunately we cannot refuse them. (40) Smoking is the most dangerous factor in my life because I am constantly surrounded by people who smoke. Smoking badly and badly affects my life. My dad's family also has such a bad habit, at the age when I went to school I also started to have this habit, but in time I was able to give it up and stop myself, but when I am near people who smoke inside the desire to do so also wakes up. (39) Warfare - before, I never even thought that warfare could be the most dangerous factor in my life, but four years ago this factor disturbed my family. When our military situation escalated in our country, Dad went to the ATO to defend the country, stayed there for two years, so this event was very much reflected in the memory and left a trail that military action is dangerous for every person and his life. People who are completely innocent are suffering through them. (38) Fires - I am in third place because of the negligence of her neighbors

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In my opinion, the most dangerous and harmful factor for human life is the presence of radioactive substances in food. Because currently the presence of radioactive substances in food is increasing rapidly and this has negative consequences for the health and life of the population, even a small amount of radionuclides in the food is dangerous. Radioactive substances contaminate agricultural crops and crops, which may make them unfit for human consumption and animal feed. To date, nearly 18 years after the Chernobyl disaster, the most significant and dangerous in terms of radiation and hygiene are radionuclides such as cesium-137 and strontium-90. In the second place in terms of danger and harm, I chose murder and intentional damage, because today it is also the unsolved problem

of all mankind. Among these factors, to me, the least dangerous and harmful are price increases and personal problems and worries. I believe that these factors are the least threatening to a person's life

I believe that the most dangerous and harmful factor for human life is road transport. Because millions of people are killed through it in the world, and this figure is not decreasing, only increasing. We cannot protect ourselves from this by 100%. Even if I do not have a car, I can still get into an accident with a motor vehicle. The next factor is hostilities. In my opinion, war takes so many lives, and for me, for a person whose country is currently at war, this is one of the most painful factors. Among the less dangerous are the rail and air transport. In my view, this category is not as harmful and dangerous as others and we can prevent the danger by not using these modes of transport.

After assessing life-threatening factors on a scale of "1" to "40", I got the following results: I rated "40" as dangerous as AIDS, because since school years we have been told year after year about this disease dangerous, deadly, and that needs to be taken seriously. And even though we know almost everything about this disease, how it is transmitted and how it develops, but in our time, when society has become more violent and indifferent, we do not know who to trust, to whom or not. Further, I rated "39", "38", "37" as factors such as terrorism, hostilities, killings and intentional harm. Previously knowing such concepts, I never thought that in my life I will meet them so close. After these 5 years in our country, when during the first months almost every day you think about it not to get worse, so that your loved ones are not lost, then you really understand what peace and peace are. That is why in such a situation in our country these factors are one of the most dangerous for me. For safety reasons, for me it is first of all sports and mass events. Since I used to do sports myself, namely running, so sports competitions were normal for me, so this is a safe activity for me. Although there is always excitement before such events, but it is safe because it is a sport, I believe that nothing tragic will happen. In the second place I put the increase or decrease of atmospheric parameters, because now at my age, my body is young and healthy and to some extent still developing, I do not feel any negative

impact of this factor on my health. Another factor that is safe for me is road transport, since I am a person responsible for driving a car seriously and cautiously, and because I enjoy this activity and enjoy it, I believe that this type of transport is not a danger to me. In table 1.4, I ranked the points as follows:

I can justify such an assessment as follows: Military action, in my opinion, is the most dangerous factor in the list, because it affects all aspects of life of the country and its citizens. Our country is experiencing the threat of this problem, which has affected the lives of every citizen. Military actions affect not only the military, but also the civilian population, who are worth their health, a roof over their heads, peace, or even life.

Terrorism is also a very dangerous factor, because a person's stronger feelings are fear. Terrorism is done to exacerbate people's fears, to make them feel defenseless. This is not a problem of our country, it is a global problem that must be fought with all our might.

Lack of necessary food. In the world, almost half of the population lives below the poverty line. You might think that this is a problem only for the backward countries, but according to 2019 statistics, there are more than 33% of such people in Ukraine. Without the necessary food, the body cannot function properly and live a full life. Small pensions and wages that are incompatible with utility and food prices are the main cause of this problem.

In our large and dangerous, ever-moving, evolving and changing world, personal problems and anxieties come to the fore. In order to ensure a decent standard of living for themselves and their loved ones, their mental and physical health is neglected. In Japan, death from overwork at work is common, because too little time is left on its own, and a good rest is the key to good results at work and training. People need to pay more attention to their needs and care more about themselves.

Looking through the table of statistical evaluation of dangerous and harmful factors for human life, I made conclusions and gave my points to each of the above harmful factors of life. The first place in my "top" is the concept of "natural disasters". I gave him 40 points because it is a waste of many lives and cannot be

protected. You never know when or where it will happen. They happen quite often and bear great damage to society. 2nd place and 39 points I put the item "Military Action". It concerns everyone, it's awful. There is a war in Ukraine, many people are being killed and all this is destroying people's lives, the country's economy. Cities and towns are being destroyed. The third place is occupied by item 21 "Narcotic substances". They are dangerous for life and health, destroying people's lives. They are very common in our country and therefore occupy the 3rd place. The most recent places are: "Sports and Mass Activities", "Personal Problems and Concerns" and "Unemployment". Personally, I do not consider these factors to be a threat to human life and health. These problems can be anticipated and solved by yourself. Therefore, the examples given are those that pose a serious threat to human life and health, and are those that do not pose a threat to the individual at all.

In my opinion, any human activity is potentially dangerous. The potential danger of human activity exists both explicitly and implicitly, in the manifestation of its results, which are difficult to predict and which can be the cause of injuries, deaths, diseases, deterioration of working capacity and state of health and other dangerous consequences.

Dangerous factors cause, under certain conditions, trauma or sudden deterioration in health (headache, impaired vision, hearing, change in psychological or physical state).

Adverse factors can cause illness or impair a person's performance, both explicitly and covertly.

I attribute the danger of road transport to the production, maintenance and repair of cars, their operation, production of fuel and lubricants, the development and operation of the road transport network, etc. This is a very dangerous factor for humanity. Another very important dangerous factor of cars is a large number of accidents that carry death, serious injuries, fractures, coma.

Domestic violence is often seen as a means of establishing power and inadequate self-assertion. When using violence, one feels the fullness of their power (at least "here and now")

Ya appreciated AIDS the highest balm that infection of the human immunodeficiency virus occurs in the case of infected material or mucous membranes, or the damaged skin of the human. Also possible intrauterine infection of the fetus from the infected mother. As well as HIV is multiplied by the lymphocytes and other cells of the organism, it contains virtually all biological fluids (blood, lymph, removal of sex organs, semen, urine, tears, saliva, sweat, and at the same time, to be strained, to be dreaded, Automobile transport assessed the 39 something, which is nowadays more and more accidents, in which Unfortunately, always surviving people. Also majority are played by roads that are inferior to the proper condition. Estimated 1 Ballo qualified an increase in the value of life-threatening values. The country is satisfied with the large selection of vacant places that are satisfactorily highly paid. The personal problem of the problem has given itself an appreciation of 2 points, but I consider it an extraordinary situation that cannot be solved. Each person always has a supporter who listens and gives advice.

Self-affirmation means the desire to increase one's self-esteem, the level of self-esteem, to declare a sense of self-worth, the importance of one's personality to others. Thus, aggressive and violent actions can become for a person a means of overcoming their internal psychological problems, self-doubt, and subjectively felt weakness.

Analyzing the Evaluation of Dangerous and Harmful Factors in My Life Danger is a concept that has many meanings for each of us. We perceive the importance of its factors individually and the fact that for one can be a great danger, for another it will be - one of the last points, which almost does not threaten his life. Due to the fact that the table lists 40 harmful and dangerous factors, I propose to consider the three most and least influential in my life so far. 40th place is occupied by road transport. Every day, when I get to study, I am a road user. Unfortunately, sad statistics prove that many people neglect the rules of safety on the road (traffic rules) and even without being a car driver, I risk becoming a participant in an accident. 39th place - hostilities. We live in a country where hostilities take place. A possible option for the deployment of a military conflict will continue to threaten the

lives and health of a very large number of people, including myself. Killings and deliberate injuries took the 38th place. Unfortunately, walking through the city or just being in your home can put you in a dangerous situation. For example, several years ago, several cars stopped at my house and a firefight began. It was a risk for me and my family. Everyone can experience such situations and it is truly life-threatening. For the items I have the least influence on, 1 place is taken by drugs. For me, the use of this type of substance is unacceptable, so drugs do not threaten my life. 2nd place - poverty. This aspect is not dangerous to my life and health, as I currently live with normal financial support, and I plan to continue my career and be financially independent. 3rd place - domestic violence. I grow up in a family where there is no type of violence (physical, moral, economic, etc.), further convinced that there will be no problem with violence as well, so it does not endanger my life.

When I was scoring in the table “Statistical evaluation of dangerous and harmful factors for human life”, I used the knowledge I gained from the lectures on the discipline “Occupational Safety and Life” and the general knowledge that I gained during my life. The most dangerous harmful factors for human life are: Military actions; natural disasters; murders and intentional injuries; radioactive substances in the environment; poverty; lack of necessary food; unemployment; road transport; national conflicts; terrorism; infectious diseases. These ten Deaths look exactly like this, because in my subjective discretion, these factors alone take away the most human lives in the world. The following are dangerous and harmful factors for human life: The presence of radioactive substances in air, water, soil; the presence of radioactive substances in the diet; the presence of chemicals in the air, water, soil; the presence of chemicals in food; diseases associated with the presence of chemicals in the environment; fires; narcotic substances; smoking; AIDS; suicide.

These are the second dozen dangerous factors, because in my subjective discretion they are dangerous and pose a threat to human life every day, but carry less threat than the top ten. Factors that pose a threat to human life include: Nuclear power; consumption of alcoholic beverages; occupational injuries; food poisoning; the use of poor-quality food; domestic injuries; reservoirs (bathing, resting); domestic

violence; sports and mass events; diagnostic irradiation. The top ten factors that threaten human life include the factors that are higher, because in my subjective judgment they are threatening, but not critical.

Acceptable harmful factors include: Electromagnetic radiation; electric currents; increase and decrease of atmospheric parameters; Railway transport; medicines; personal problems and concerns; raising prices; surgery; aviation transport. To the fourth dozen factors that can pose a threat to human life, I have included the factors listed above. In my opinion, these factors are the least dangerous than any other. After all, they are the least affected by people. Looking through the table of statistical evaluation of dangerous and harmful factors for human life, I made conclusions and gave my points to each of the above harmful factors of life. The first place in my "top" is the concept of "natural disasters". I gave him 40 points because it is a waste of many lives and cannot be protected. You never know when or where it will happen. They happen quite often and bear great damage to society. 2nd place and 39 points I put the item "Military Action". It concerns everyone, it's awful. There is a war in Ukraine, many people are being killed and all this is destroying people's lives, the country's economy. Cities and towns are being destroyed. The third place is occupied by item 21 "Narcotic substances". They are dangerous for life and health, destroying people's lives. They are very common in our country and therefore occupy the 3rd place. The most recent places are: "Sports and Mass Activities", "Personal Problems and Concerns" and "Unemployment". Personally, I do not consider these factors to be a threat to human life and health. These problems can be anticipated and solved by yourself. Therefore, the examples given are those that pose a serious threat to life

"Why did I score such points when evaluating dangerous and harmful factors in my life?" 1 point Personal problems and concerns. We are all unique, that is, unique in nature and form. Everyone perceives different life circumstances in their own way and responds to them in their own way. We all have different feelings and emotions, and there are no absolutely right or, conversely, wrong people. There are different situations and different people. There is no problem that cannot be solved,

either a lack of life experience or knowledge, or a lack of willingness to take responsibility for solving a particular issue. 2 points. Lack of necessary food. Each person has his own food and, of course, his list of necessary goods. Since I give up sweet, it will not be a tragedy for me to spend the day without chocolate and sugar in tea or coffee. Speaking of baked goods, there should be bread on our table, but if it isn't, it's not a problem either. You can always find a substitute for a particular product, for example, not two eggs but a banana in a cupcake dough. 3 points. Railway transport. Low cost of tickets, large and convenient network of routes, saving time and effort when traveling by night express, less chance of delay, more space in the car, not such tight bandwidth control, the ability to take unlimited food and drink - all characterize the advantage of using this transport . My paternal relatives live in Russia. I have traveled with them since childhood, and now I use this transport to travel around Ukraine. The only downside - a long time on the road. 38 points. Military action. War is a disaster that is easy to start and hard to end. Not to list how many innocent people were killed for the sake of peace, how many families were destroyed and how many thoughts were changed. I really enjoyed relaxing with my relatives. I went every summer vacation there, but when the problems of political and socio-cultural relations between Ukraine and Russia began, my trips broke down. I was not released because they were afraid that when I came to Russia I would be taken away and I would not be able to return. My mother began to believe in the news, saying that their country was the best without asking us about the real events in our country. Lately, we have had nothing to talk about and these relationships have come to naught. That's how close people become strangers. 39 points. Surgical intervention. "Previously, magic was confused with medicine, today medicine is confused with magic," says Thomas Sas. Healing is a chance to get on with life, and doctors are the ones who can give it to us. But do you recommend to many who have really studied since their undergraduate years as an expert medical practitioner? Even you will find it difficult to answer this question because, like everyone, you will not be sure of his or her qualifications. Today, to be firmly convinced of your diagnosis, you must visit several public hospitals or one private one.

From childhood, I believed that I would be a person who would never fall under the knife, but my belief was destroyed three years ago. I was diagnosed with varicose veins and the only healing was surgery. At that point, I didn't know how happy I was to find this disease in the early stages or cry that it would remain for the rest of my life. The last operation (there were two) I did this winter and I am grateful to the specialists who operated me, because these are people who are in charge of their business. Of course, surgery is always a risk that is difficult to take not only a loved one, but also a surgeon in whose hands is someone else's life. 40 points. Price increase. Money is never enough, and rising prices change the face of human needs. Poor people say that only the rich can live with such prices, but I do not think so. Take, for example, the production of a certain product, with increasing prices, can change the ingredients for cheaper, and thus its quality changes, as well as the demand for it. It is difficult for everyone, but in different ways. As for me? There are things you can give up and just need, and it takes time to get them.

I believe that the most detrimental to human life are factors such as terrorism, hostilities and nuclear power. I have given them the three highest risk ratings.

Terrorism is, in my opinion, the most dangerous thing in the world. These are the international mass killings and devastations that lead to the deaths of a large number of people and great misery for the state.

The next danger on my list is warfare. It has already been proven that there are so many weapons on the globe that it is possible to destroy our planet 5 times. Warfare carries: poverty, hunger, cold, death, devastation, pain. This is the most undesirable phenomenon for to each state.

Next on my list is nuclear power. Inadvertent use of it can lead to a major disaster. An example of this is the Chernobyl Nuclear Power Plant, the effects of which we are still experiencing.

After all, there are factors that I think are less dangerous for the environment. In my list, there are price increases, rail and mass sporting events.

Increasing prices in my opinion is the least damaging to the environment. This can result in poor human nutrition and begging, which is the least dangerous of all.

Rail is not completely safe because there can be occasional accidents. But if you follow the rules of conduct in rail, this can be avoided.

Massive sports events can sometimes be dangerous because they can hold terrorist attacks, rallies and various actions that can damage a person's life.

Individual assessment of dangerous and harmful factors for human life I believe that the most dangerous factors for me are: 5) Air transport: I believe that it is the safest way to travel today. 4) Narcotic substances; I do not consider this a threat to myself, because there is never anything 3) Smoking; from the above I did not use and do not intend. The only 2) Use of alcoholic beverages; the chance that they can do to me schools is if they spur / add without my knowledge. 1) Suicide: I find it "safest by individual assessment" because I value my life too much to cause it. It just depends on me and my decisions. Therefore, I am sure that suicide is not a threat to me. In my opinion, the most dangerous for me are: 40) Terrorism Given the political and economic situation in the country, 39) The hostilities, I believe that today is the most dangerous for 38) Natural disasters, because you do not know what time and in 37) Infectious diseases can be found and how it will affect you. 36) Murder and Willful Damage 35) Fire

Assessing the dangerous and harmful factors for human life, I summarized: First of all, each item carries some danger, and for each level of danger is different, for someone it is a trifle, and for someone it is the "end of the world". Personally, I may be most at risk of murder and willful injury. I have repeatedly witnessed violence on the streets. I think a group of people with guns can cause irreparable damage to my health, or even kill it. Less dangerous, but equally important is the danger of electric shock.

Torn power lines or a socket in a dorm room is likely to cause irreparable damage to my life. A swim in the pond can be dangerous for me because I can get tired quickly and sink in the middle of the pond if it is deep enough and has a current . I have also identified the least dangerous factors that most likely will not threaten me. Drinking alcohol is not a problem for me because I do not drink any type of alcohol. Being a person with a nervous system and very stress tolerant, I am not a

suicide threat. The last item is smoking, as I have never smoked and I do not plan on doing so.

Comparing the risks and dangers of road transport, sports and mass events, personal anxieties and problems, domestic violence, surgery and the presence of chemicals in food, I would place them in the order from the most dangerous to the less dangerous:

- 1) the presence of chemicals in food;
- 2) surgery;
- 3) the dangers of road transport;
- 4) domestic violence;
- 5) personal concerns and problems;
- 6) dangers in sports and mass events.

The production of most modern foods without nutritional supplements is impossible. For example, the dietary supplement sodium benzoate (E211), which, when consumed excessively, can lead to digestive disorders, is widely used in the production of carbonated beverages, sauces, ketchups, and confectioners.

Thus, preservatives can be dangerous to health if consumed excessively, but to refuse their use in the food industry, at least in the manufacture of certain products, is very difficult. In the Ukrainian legislation the sphere of use of food additives is regulated in accordance with the law "On Food Safety and Quality", and the control over the production and use of food additives is vested in the State Sanitary and Epidemiological Service of Ukraine and the Ministry of Health. However, it is worth noting that today there is no effective mechanism in place for comprehensive control over the production and use of food additives. The current system only allows for selective checks on some producers, which does not allow a complete picture of the volume of use of food additives in Ukraine and their compliance with the list approved by the Cabinet of Ministers.

In my opinion, we must minimize the risks of the use of chemicals in food:

- you cannot buy food in places of unauthorized trade, as well as products of handicraft production;

- When purchasing food, you should always carefully study the composition of the product. Remember that manufacturers do not always properly label products, often being ashamed to add their "E" codes to the names of food additives, which is a direct violation of current national standards;

- When buying products, you should avoid those that contain bright colors. First of all, this concerns sweet drinks as well as cheap confectionery. Also remember that some synthetic dyes are particularly dangerous for children;

- products containing preservatives should not be abused, but it is best to abandon them altogether by replacing them with similar preservative-free products;

- The use of products containing sugar substitutes such as potassium acesulfame (E 950), aspartame (E 951), sodium cyclamate (E 952), saccharin (E 954) should be avoided. These supplements are usually found in cheap sugary drinks and chewing gum. Most sugar substitutes are harmful to health, especially children.

However, when choosing food, you should still prefer products made by yourself. This will minimize the use of nutritional supplements and, therefore, reduce the risks associated with their consumption. It should also be remembered that only complete, balanced and healthy nutrition is a true guarantee of health and wellness.

Surgical intervention

Providing a person with any type of medical care means interfering with his or her life and health. Obtaining the patient's consent for surgery or any other medical intervention is the exercise of his or her constitutional right to personal integrity and, if the patient gives such consent, it means that he / she has deliberately decided that the operation or any other intervention is necessary for the preservation his health and life. In all cases, interventions in the field of human health by healthcare providers in the provision of medical care, researchers in carrying out medical and biological experiments are characterized by elements of novelty, risk and danger for the patient. Therefore, in order to ensure the rights of the patient, it is necessary, among other factors, to have a proper legal framework in the field of health care that meets international legal standards and that creates conditions for the realization of the state's guaranteed rights to life, health and privacy. .

The legal definition of the concept under consideration implies one of the conditions for the implementation of medical intervention, namely, the impossibility of causing harm to the patient's health. In my opinion, the procedure of registration and consent, as well as the refusal of intervention, require legislative consolidation (for example, the Medical Code of Ukraine).

Domestic violence

According to the Law on Prevention of Domestic Violence, domestic violence is any intentional act of physical, sexual, psychological or economic nature of one family member in relation to another, if these actions violate the rights and freedoms of a family member as a person and a citizen, cause him moral harm, damage to his physical or mental health.

The law also defines four forms of violence

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5) to present to the representatives of the organizer, the administration of the object documents giving the right to enter a mass sporting event, as well as a pass for the entry of motor transport into the territory of the place of the mass sporting event, if this is provided by the procedure of its holding;

6) immediately notify the organizer, the administration of the facility and the law enforcement agencies of cases of detection of suspicious objects, things, hostage and all cases of smoke or fire;

7) when receiving evacuation information, act in accordance with the instructions of the facility administration, organizers and law enforcement officers, keeping calm and not creating panic.

Personal problems and concerns

For most people, a sense of security is associated with daily problems and hourly concerns, and is not based on the threat of global catastrophes or international conflicts. Protecting a home, workplace, sex, health, environment are the main problems of human health. Hence the personal need for security: from bullying and crime, protection from ill-considered political actions and ineffective management decisions. Therefore, the sense of security has an individual touch, on the one hand it depends on the level of social and spiritual development of the individual, on the other hand - on the cultural situation and social order.

Freedom and protection are essential components of security (UN). The concept addresses freedom in three main areas: freedom from fear, freedom from poverty and freedom from creativity.

In my opinion, the most dangerous and harmful factor for human life is the presence of radioactive substances in food. Because currently the presence of radioactive substances in food is increasing rapidly and this has negative consequences for the health and life of the population, even a small amount of radionuclides in the food is dangerous. Radioactive substances contaminate agricultural crops and crops, which may make them unfit for human consumption and animal feed. To date, nearly 18 years after the Chernobyl disaster, the most significant and dangerous in terms of radiation and hygiene are radionuclides such as cesium-137 and strontium-90. In the second place in terms of danger and harm, I chose murder and intentional damage, because today it is also the unsolved problem of all mankind. Among these factors, to me, the least dangerous and harmful are price increases and personal problems and worries. I believe that these factors are the least threatening to a person's life.

On the basis of social approach, she conducted an individual static assessment of dangerous factors for human life, using a point system and made certain

conclusions. I chose military action as the most dangerous factor, which estimated at 40 points. I don't want to talk about such terrible things, but the war that started in April 2014 continues. Almost every day in the media (Ukrainian and foreign) there are reports of shelling, wounded and killed. The war led to the loss of territories of Ukraine, a military confrontation in the east, when, after Russia's occupation of Ukrainian Crimea, an armed confrontation began in Donbas between the Russian hybrid forces and the Armed Forces of Ukraine. Today's armed conflict has claimed the lives of many. In fact, a civil war may indeed begin. In my opinion, war poses the greatest threat to people, not only to those who are in hot spots. It has touched each of us, and if left unchecked, people will continue to die, protecting the country and fighting for a better life for their families. In 39 points, she estimated the killings and intentional injuries. Every now and then there are more and more news stories about the maniacs who brutally kill city dwellers in public; companies of young people cause conflicts, under the influence of alcohol, arrange punishment against others, which leads to undesirable sometimes even grave consequences. Residents of the city live in constant fear. For the least dangerous factors, I gave a score of 1 to personal problems and concerns. Because we are able to solve personal problems without harming ourselves and others. She rated sports and mass events at 2 points, because in my opinion sports events are useful for people, they make them stronger in spirit and body, and mass events involve participating, not being indifferent, being aware of all events.

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suicide threat. The last item is smoking, as I have never smoked and I do not plan on doing so.

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However, when choosing food, you should still prefer products made by yourself. This will minimize the use of nutritional supplements and, therefore, reduce the risks associated with their consumption. It should also be remembered that only complete, balanced and healthy nutrition is a true guarantee of health and wellness.

Surgical intervention

Providing a person with any type of medical care means interfering with his or her life and health. Obtaining the patient's consent for surgery or any other medical intervention is the exercise of his or her constitutional right to personal integrity and, if the patient gives such consent, it means that he / she has deliberately decided that the operation or any other intervention is necessary for the preservation his health and life. In all cases, interventions in the field of human health by healthcare providers in the provision of medical care, researchers in carrying out medical and biological experiments are characterized by elements of novelty, risk and danger for the patient. Therefore, in order to ensure the rights of the patient, it is necessary, among other factors, to have a proper legal framework in the field of health care that meets international legal standards and that creates conditions for the realization of the state's guaranteed rights to life, health and privacy. .

The legal definition of the concept under consideration implies one of the conditions for the implementation of medical intervention, namely, the impossibility of causing harm to the patient's health. In my opinion, the procedure of registration and consent, as well as the refusal of intervention, require legislative consolidation (for example, the Medical Code of Ukraine).

Domestic violence

According to the Law on Prevention of Domestic Violence, domestic violence is any intentional act of physical, sexual, psychological or economic nature of one family member in relation to another, if these actions violate the rights and freedoms of a family member as a person and a citizen, cause him moral harm, damage to his physical or mental health.

The law also defines four forms of violence

Comparing the risks and dangers of road transport, sports and mass events, personal anxieties and problems, domestic violence, surgery and the presence of chemicals in food, I would place them in the order from the most dangerous to the less dangerous:

- 1) the presence of chemicals in food;
- 2) surgery;
- 3) the dangers of road transport;
- 4) domestic violence;
- 5) personal concerns and problems;
- 6) dangers in sports and mass events.

The production of most modern foods without nutritional supplements is impossible. For example, the dietary supplement sodium benzoate (E211), which, when consumed excessively, can lead to digestive disorders, is widely used in the production of carbonated beverages, sauces, ketchups, and confectioners.

Thus, preservatives can be dangerous to health if consumed excessively, but to refuse their use in the food industry, at least in the manufacture of certain products, is very difficult. In the Ukrainian legislation the sphere of use of food additives is regulated in accordance with the law "On Food Safety and Quality", and the control

over the production and use of food additives is vested in the State Sanitary and Epidemiological Service of Ukraine and the Ministry of Health. However, it is worth noting that today there is no effective mechanism in place for comprehensive control over the production and use of food additives. The current system only allows for selective checks on some producers, which does not allow a complete picture of the volume of use of food additives in Ukraine and their compliance with the list approved by the Cabinet of Ministers.

In my opinion, we must minimize the risks of the use of chemicals in food:

- you cannot buy food in places of unauthorized trade, as well as products of handicraft production;

- When purchasing food, you should always carefully study the composition of the product. Remember that manufacturers do not always properly label products, often being ashamed to add their "E" codes to the names of food additives, which is a direct violation of current national standards;

- When buying products, you should avoid those that contain bright colors. First of all, this concerns sweet drinks as well as cheap confectionery. Also remember that some synthetic dyes are particularly dangerous for children;

- products containing preservatives should not be abused, but it is best to abandon them altogether by replacing them with similar preservative-free products;

- The use of products containing sugar substitutes such as potassium acesulfame (E 950), aspartame (E 951), sodium cyclamate (E 952), saccharin (E 954) should be avoided. These supplements are usually found in cheap sugary drinks and chewing gum. Most sugar substitutes are harmful to health, especially children.

However, when choosing food, you should still prefer products made by yourself. This will minimize the use of nutritional supplements and, therefore, reduce the risks associated with their consumption. It should also be remembered that only complete, balanced and healthy nutrition is a true guarantee of health and wellness.

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5) to present to the representatives of the organizer, the administration of the object documents giving the right to enter a mass sporting event, as well as a pass for the entry of motor transport into the territory of the place of the mass sporting event, if this is provided by the procedure of its holding;

6) immediately notify the organizer, the administration of the facility and the law enforcement agencies of cases of detection of suspicious objects, things, hostage and all cases of smoke or fire;

7) when receiving evacuation information, act in accordance with the instructions of the facility administration, organizers and law enforcement officers, keeping calm and not creating panic.

Personal problems and concerns For most people, a sense of security is associated with daily problems and hourly concerns, and is not based on the threat of global catastrophes or international conflicts. Protecting a home, workplace, sex, health, environment are the main problems of human health. Hence the personal need for security: from bullying and crime, protection from ill-considered political actions and ineffective management decisions. Therefore, the sense of security has an individual touch, on the one hand it depends on the level of social and spiritual development of the individual, on the other hand - on the cultural situation and social order.

Freedom and protection are essential components of security (UN). The concept addresses freedom in three main areas: freedom from fear, freedom from poverty and freedom from creativity.

In my opinion, the most dangerous and harmful factor for human life is the presence of radioactive substances in food. Because currently the presence of radioactive substances in food is increasing rapidly and this has negative consequences for the health and life of the population, even a small amount of radionuclides in the food is dangerous. Radioactive substances contaminate agricultural crops and crops, which may make them unfit for human consumption and animal feed. To date, nearly 18 years after the Chernobyl disaster, the most significant and dangerous in terms of radiation and hygiene are radionuclides such as cesium-137 and strontium-90. In the second place in terms of danger and harm, I chose murder and intentional damage, because today it is also the unsolved problem of all mankind. Among these factors, to me, the least dangerous and harmful are price increases and personal problems and worries. I believe that these factors are the least threatening to a person's life.

Essay on "Statistical Assessment of Hazardous and Harmful Factors for Human Life" In February 2019, 1,498 new cases of HIV were officially registered in Ukraine, 713 patients were diagnosed with AIDS, and 296 died of AIDS, and AIDS ranked 40. in my nameplate. Why? Because there are many avenues of infection and you never know where trouble may occur. Whether at the dentist, or at the session with the tattoo master ... 39 place - road transport. Reviewing statistics on road accidents published by the National Police Patrol Department, it turned out that since the beginning of the year, 86.7 thousand accidents have occurred in Ukraine. That is, on average, every day - 409 or one accident every 3-4 minutes. In the capital alone in 7 months there were 22,4 thousand road accidents. Compared to last year, the figures increased by 8-12%. (main reasons: violation of crossing rules; non-observance of safe distance; speeding; drunk driving). And since many of my friends were involved in road accidents with different consequences, that is why it gave 39 place to road transport. 1 and 2 place in the plate I gave "Sports and mass events" and "poverty" If at 1 I do not see any danger at all, then at the expense of the second I think that in the modern world even the capital will not find a job so that it cannot provide itself just lazy. The main desire and desire to achieve something!

According to the Schulte table, the definition of selectivity of attention is at a good level, since the average time spent on a task was 30.6. And from the concentration test I have a satisfactory result. The distribution and switching of attention is not at a very good level, but it gives me the motivation to improve the results. According to the methodology of the Red and Black Table, I have 41 points, that is, the assessment of switching attention is good for me. Getting information is effective. I also remember the words well, according to the short-term memory test. My personality type is a logistician, where the mind is more introverted than extraverted, and energy is more realistic than intuitive. My IQ is average, ie 92 points. According to the Lusher test, I have a willingness to experience, a need for satisfaction and a need for self-affirmation. I am afraid of loneliness and frustration, I need to dominate. I make demands on the people I intend to communicate with so that I will not be disappointed afterwards. I have a protest position. I have a sensual

relationship without intimacy with others, I believe that I am not respected enough, but I want to be valued and respected more. I have an average anxiety level of 8 out of 12.

Tests: Part 1

1. I have 47 seconds. It was very difficult to pass this test because I spent a lot of time on each of the tables.

2. I have low concentration because of the 7 words I mentioned only 4, 2 from the front and 2 last.

3. This test was very interesting and fast, I quickly managed it in 21 seconds - I have 5 points.

4. At first, the rules of this test reached me a long time, after reading in more detail and more carefully it became a little clear, but I could not pass the test with ease - 28 words

5.a) I got 30 words, I think I could do better.

b) At me, 41-50% is good

These tests were easy to understand and very fun to pass.

6. I was not very careful and got a bad grade, I remembered only the first and last lines and often confused the sequence of words -3,5

Part 2

1. I passed this test - I am a fighter, I think this characteristic is not very suitable for me.

2. This test was the easiest of all that I went through, thinking and choosing a sequence of different forms is quite interesting, it seems to me that only in this I am well-versed- I answered all but 3 or 4 questions correctly so I have 121-130

3. I found this test incomprehensible and uninteresting, the colors were quite primitive and I do not understand how to characterize them.

Having made a statistical assessment of the dangerous and harmful factors for human life, I concluded. Some of the factors in this table I could exclude are sports and mass events, personal problems and worries, reservoirs (bathing, rest). All these factors do not pose any threat to human health and life. Some of them, on the

contrary, encourage people to have a healthy lifestyle, exercise, and more. But there are some factors that I would like to include in this table are the low level of medical care that leads to a sharp type of illness, the influence of atmospheric pressure that can cause co-morbidity, and the atmospheric pressure affects the condition of people who have arthritis illnesses. and arthritis.

I believe that the most dangerous for our country may be hostilities. This is a direct danger to your own life and health from shelling. The environment becomes unsuitable for existence: dirty rivers, air, burnt forests - lead to increased manifestations of respiratory diseases, all kinds of allergies. AIDS is also dangerous enough. This virus affects special blood cells that are responsible for protecting the human body against various germs and gradually killing these cells. According to individual assessment, the least harmful factor for human life is wasp.

In the course of the practical task, I have selected the 3 worst-of-life Ukrainian citizens that are the greatest threat to us. The first critical factor, estimated at 40 points, was selected as "Military Action". The second, with a score of 39 points "Terrorism". And the third "Radioactive Substances in the Environment" at 38 points. I believe that the military actions lead, in addition to the most obvious consequences such as: the destruction of homes, general destruction and poverty, even before the economic collapse of the state of the country, threatening the environment, worsening social conditions. In times of war, the government focuses on such pressing issues as financing the army, housing refugees and providing medical assistance to the wounded. But the worst consequence is the massacre of people. Terrorism is also a factor in the negative effects of which people perish, which is unacceptable. In the first place there must always be human life, so these are the 2 most dangerous factors. Radioactive substances in the environment are also a major threat to the public. First, it is a high risk of a mutation in the human body, or the development of cancer. Secondly, in the reproductive system, women may have mutations that result in a baby being born with certain physical and mental illnesses. Now, many children are born inferior, as emissions of radioactive substances increase every year. The safest factor is sports and mass events. On the contrary, they make our leisure activities

useful, promote physical health, and guarantee a great mood. Another safe factor is aviation. According to statistics for 100 million miles, 0.6 people are killed. An average of 1 million flights per aviation adventure occurs. And the third safe factor is personal problems and worries. After all, personal worries are not total problems, such as natural disasters or war that cause people to die, they can always be solved.

Everyone thinks there are different levels of dangers and factors for their lives. Everyone has their own opinion about assessing a dangerous situation that will be detrimental to their existence in this world. In my opinion, one of the safest factors offered is aviation. How can I justify this? Usually a person chooses what kind of transport to travel, and it is only after a failed flight that 99% of people die. They die not of their own volition, but the most important thing is that during a catastrophe, a person cannot save himself knowing that in a few seconds he will die. It is in flight we are not sure what this flight will be like. But of course there are positive factors to such a vehicle, it is usually time-saving and convenient. Another dangerous factor is AIDS or HIV. The largest amount of the virus is found in the blood. That is why its transfusion from an HIV-positive donor almost always leads to infection of the recipient. It is also dangerous to inject blood products or use contaminated blood with medical equipment. However, it is not only the hospital that can acquire HIV with blood. There are many situations in which one person's blood may get on the damaged skin or mucous membranes of others: in particular, when sharing toothbrushes, shaving blades, and combs, tattoos and piercings if they are made in handicraft conditions. Manicures and pedicures can also be risky. This is another factor through which a person may suffer unintentionally, without even knowing for a certain period of time. Nature is not an unforeseen component of our lives. During natural emergencies, many people also die, sometimes even when dead do not find their bodies. In this case, one person also cannot stop the mortality. Emergencies such as earthquakes, floods, landslides, mudslides, storms, hurricanes, snow drifts, forest fires have claimed the lives of more than three million people in the last 20 years alone. According to the UN, nearly one billion inhabitants of our planet have suffered natural disasters during this period. Another very important detrimental factor is

nuclear power. Nuclear power plants emit radionuclides that have a carcinogenic effect that can cause cancer. This does not require an accident - nuclear power plants emit these substances during their daily work. Radiation can seem pure only because we do not see it, we can neither feel it nor touch it. But this does not mean that it is not released from nuclear power plants and other facilities of the nuclear industry and does not have a negative effect on human health. If one considers the life-threatening factors, but not as tragic as those discussed above, one of them may be personal problems and concerns. Each of us has difficulties in life, and it is not necessary to attribute it to critical dangers. When this problem is not life-threatening, it is only necessary to find the right solution. There are often situations where you are distracted by loved ones or those. The problems of humanity do not allow thinking and intelligent people to live peacefully. In the first place (№ 40) of my statistical assessment of dangerous and harmful factors for human life I will put the problem of AIDS. There is such a problem around the world when people, through their own ignorance, become infected with the disease. Some patients with VIL do not have the ability to afford to spend money on expensive medicines that make them feel as if they were without VIL. If these are big cities, some volunteers and even the country can help. But in small cities, this problem is very acute because of the lack of drugs, people are launching their HIV into AIDS, which is virtually impossible to keep in a stable state, with mortality increasing. Under No. 39, I raised the problem of the presence of chemicals in food. In our country, there are not very good products on the supermarket shelves. This happens because the manufacturer tries to get the most walrus, while adding preservatives, palm oil to the food, which then negatively affect the health of citizens. Under No. 38, I mentioned the problem of suicide. They happen very often because of unhappy love, because of lack of money, loans. In my opinion, more attention should be paid to this, for example, to consult psychologists and psychiatrists. This is more often the case with teenagers, as an under-formed personality because his or her girlfriend or boyfriend has left will begin to lay hands on it. Under # 1, I have identified national conflicts. I find this not very important, because each person perceives the world differently. If you hold liberalist views, or

you like to study Marxism, it does not make you or the person who is interested in it bad. Under # 2, I chose surgery. Many people do not like their appearance because we are not able to choose it. I can still perceive those people who do plastic surgery as a result of injuries or through the wrong part of the body. During any surgery, one should consciously choose a normal doctor, because due to corruption in our country, not everyone has a real specialist diploma. Under # 3, I mentioned the problem of high prices. Due to rapid progress and high oil prices, prices have started to increase in recent years. In my opinion, if a person consciously spends their own money on everything they need, they will be able to save, and as a result of higher prices in the future, they will not need money. Statistical evaluation of dangerous and harmful factors I have read and performed a statistical evaluation of dangerous and harmful factors for human life. I have made individual assessments by my own criteria. "Kills and deliberate damages", "suicide", "terrorism", "hostilities", "fires" I consider the most dangerous for my life. In view of the situation in our country, I decided that such factors are very dangerous. It is also these factors that scare me the most and are most threatening and likely to die. I find the "price increases", "Electricity" and "Unemployment" the least life-threatening. Because in my opinion you can find a way out of these situations. You can grow vegetables and fruits and eat. You can save on food and eat natural fruits and vegetables. And the likelihood of dying from electric current is very low. I reflected on the assessment of dangerous and harmful habits, starting from my own life experience and taking into account my life situations.

In my opinion, the most dangerous factors in a person's life are war, nuclear power and AIDS. It is these factors that affect the lives of not only one nation, but of the whole of humanity. One of the most dangerous factors is military action, because they bring a large amount of losses. At present, we are aware of all this, because since 2014 there has been a military conflict on the territory of Ukraine, started by Russian troops in the territory of the Ukrainian Donbass. Ukrainians give their lives for their home country, and there are those who are not aware of the extent of this tragedy. Nuclear power is considered to be a dangerous factor. Such stations cause the

emergence of radioactive waste, which is hazardous to human life. Radiation affects the thyroid gland and affects the immune system. Air is an unregulated amount of radiation. This is a threat to all humanity, because we have had this practice since the Chernobyl disaster. One more dangerous factor is AIDS. I chose this disease because the cure for it has not yet been found, that is, the disease is incurable at present. Among the safest factors listed are personal problems and worries, unemployment and poverty. I believe that personal problems and worries do not affect human health very much, because we can cope with them ourselves and this does not cause us much harm. To overcome the desire to work, the interest in something and the wobble. So, analyzing the statistics of dangerous and harmful factors for human life, we can say that, in most, the person is self-harming, but do not think about it. This includes the use of alcohol, smoking and drug addiction. We protect our health. Statistical Assessment of Hazardous and Harmful Factors for Human Life On a 40-point rating scale, in my opinion, smoking is the least threatening to me (1 point). I am categorically negative about this habit and even find it difficult to be in a place where others smoke. Second place (2 points) is occupied by narcotic substances. In light of the above, smoking is not acceptable for me at all. Third place (3 points) is suicide. I don't think I'm capable of it. Even if she wanted to, I had too little courage to do so. Fourth place (4 points) - sports and mass events. I rarely go to big events. More often than not (almost always) I prefer to stay home, as I am quiet and peaceful. In my opinion, the biggest threat (40 points) to me is murder and intentional harm. In today's world, no one is immune to this and anyone can do it. Slightly less threatened (39 points) are fires. They can happen as a result of many factors. This can be caused by human activity and natural disasters. 38 points - infectious diseases. Every day, more and more of them can get sick. 37 points - medicines. More and more medicines are forging or producing substandard ones. Therefore, they can pose a threat to life and health. Essays Humanity's problems do not allow thinking and intelligent people to live peacefully. In the first place (№ 40) of my statistical assessment of dangerous and harmful factors for human life I will put the problem of AIDS. There is such a problem around the world when people, through their own ignorance, become

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The most dangerous factor is the use of alcohol. I think so for a number of reasons. First, it is scientifically proven that alcohol has a very destructive effect on the nervous system, the heart system and the human brain. I have given the highest level of danger to this factor because alcohol is very common and very affordable. The problem is that in many countries beer and vodka are cheaper than books and sports equipment. Alcoholism, unfortunately, is widespread both among young people and adults, and is of a large scale.

The second danger in my opinion is a factor such as the use of poor quality food. In the former USSR countries, since the 1990s, the phenomenon of counterfeit goods has remained. On the shelves of our stores about 30% of the products are counterfeit and this statistics is really shocking. Under the guise of milk, butter,

cereals, we sometimes buy low-quality products, which is a great danger. Many products also have elements that are unhelpful to our health, including emulsifiers, palm oil, flavor enhancers and odors. All this has a negative impact on our health and, in my opinion, is a great danger.

Another danger factor is Narcotic Substances. It is a fact that after the collapse of the USSR, the former republics became the largest drug users in the country. All drugs came to Russia and Ukraine from Tajikistan, Mongolia, Turkmenistan and other countries in the east. Unfortunately, this trend has continued to this day, but on a much smaller scale. However, drug addiction and drug use in general are urgent problems in our country, which is why I consider it the 3rd most dangerous factor.

AIDS in my opinion is the 4th most dangerous factor. As mentioned above, in the 1990s, Ukraine was covered by alcohol and drug addiction, and AIDS was not considered a serious problem in our country at that time. Poverty, unprotected sex, drug use with a single syringe and banal ignorance and lack of awareness have fatally impacted the situation, creating a real social catastrophe among different sections of the population. Ukraine has the worst AIDS situation in Europe and is in fact the largest focus on AIDS in Europe. Official figures show that 1.5% of people aged 15 to 24 are HIV-positive. UNAIDS estimates that 2% of people in Ukraine are AIDS-infected.

Consider suicide to be the fifth factor of danger. Unfortunately, suicide is very common in Ukraine. In 2009, our country ranked 13th in the ranking of suicides in countries around the world. The level and number of suicides is strongly influenced by the political, social, economic and usually personal situation. But in fact, suicide practices are very common in our country. This means that more people should be treated more closely, and the country should practice suicide prevention.

Statistical evaluation of dangerous and harmful factors for human life Factors with the lowest individual score Domestic violence - 1 point Smoking - 2 points Alcohol consumption - 3 points Drugs - 4 points Suicide - 5 points Domestic violence is one of the worst phenomena in life for everyone. It is from people close to you that you expect support and care, and it is very bad if you do not receive it. Smoking,

drinking alcohol and drugs is a taboo for me, because first I play sports and secondly I don't see it in that sense. The desire for suicide is inherent in a person who has been abused in any form that has no friends because of the whims of a character and the person who uses drugs. At the moment I am completely satisfied with my life so I do not consider suicide a threat to me. Highest Individual Score Factors Presence of radioactive substances in air, water and soil - 35 points Presence of chemicals in air, water and soil - 36 points Infectious diseases - 37 points Food poisoning - 38 points Road transport - 39 points Increase and decrease of atmospheric parameters 40 points Environmental issues are currently a major problem around the world and Ukraine is no exception. Unfortunately, no concrete steps are being taken to address this, and people have to hope that environmental issues roblemy MKO our country side. Since I often buy fast food (which is one that is doubtful), I consider food poisoning quite possible for me. Road transport is a major threat to Ukrainians. Looking at the number of crashes made by cars, you can go head to head, because the numbers are scary.

The highest factor 40 I put this is military action because in our country this factor has now taken away and continues to take away lives and leave families without family and children without parents and disabled people. Military action can have very great consequences for humanity, looking at the history of any state where there were battles of war, and so on, no one can ever count the consequences of all lives lost on the planet, and these are very, very large numbers. Therefore, I believe that in my opinion this should be the highest dangerous factor. From 39 to 30 I set out also important factors for human life such as: Road transport, radioactive substances in the environment, homicides and willful damage, natural disasters and the like.... From 2 to 10 I have listed in my opinion the factors that are less threatening to the person or rarely occur in the land such as: personal injury, poverty, electromagnetic radiation, water bathing vacations, rail transport, air transport in my opinion, these factors are less threatening to the person. 2 The lowest factor 1 in my opinion is unemployment because it is entirely dependent on the person. I consider this factor the lowest because an unemployed person cannot provide himself with anything at

all, and for humanity, he does not threaten anything. The person has the right to choose how he wants to live his life and how and how to provide him with different interests and positions for each person to live and stay in society. In the course of practical work # 1 I was assigned dangerous and harmful factors on points from 1 to 40. I set the highest points (35-40): military actions, terrorism, deliberate killings because during such actions, one dies and is injured a lot of people, everything that has been built up over the years is destroyed, the state and the population suffer great losses. I distributed 34-30 points for radioactive and chemical substances as well as for natural disasters as radioactive and chemical substances are already in the environment and adversely affect the same environment and human health, and natural disasters also cause great damage. and even take many lives. I divided scores 29-10 between the various factors that a person can manage by himself at a subconscious level, such as personal injury, AIDS, suicide, smoking, drugs, food poisoning, reservoirs, drinking alcohol. They do not cause great damage to the state, only for themselves, their health and life. I divided the points 9-1 into factors that are not accompanied by large losses and are the least common, such as unemployment, poverty, the use of poor-quality food, and rising prices. I also included nuclear power in this category, despite the terrible accidents that have happened in the past. At present, nuclear power is quite safe, and this security is increased every year. Today I want to consider the most dangerous and harmful factors for human life. The most dangerous thing I think is the use of low-quality food, because I like to eat fast food or chips. One of the most dangerous, I think is road transport, because my father often drives very fast and dangerous. And since I go with him very often, I consider it one of the most dangerous factors. In 38th place I put the railway because I get to the university, and since I go during rush hour, there are many people there and everyone is hustling. I gave the 37th a killer because we live in Ukraine and it is not safe to walk in the evening, I was recently in a very dangerous situation when I was threatened with murder in a nightclub, so I put the murder in the 37th place. I consider suicide the least dangerous because I love my relatives and consider myself a strong person. In my opinion, only the weak will be able to commit suicide, to

escape from all problems, not to fight them. In second and third place, I put price increases and poverty. Because these are the factors that can be overcome more easily than others. You just have to work hard and keep your hands low. And in the fourth place I chose unemployment because, I believe, that you can always find a job, maybe not with such a good salary as you would like, but you can find

Each person feels the danger intuitively and understands the importance of his or her own. If you evaluate the dangerous and harmful factors for a person's life by individual opinion, then, of course, the estimates will differ. Probably, like some other people, I will always be more concerned about problems of a more personal nature than problems of a more global nature, so factors such as "air transport", "price increases", "smoking", "radioactive substances" will be less risky for me than others. Because the risk in these situations is a very small percentage that is unlikely to happen to me, or the impact or bad consequences will not cause me. Some other factors such as "suicide", "violence", "AIDS" can also be attributed to this, but I cannot do it because the first factor that happened to my acquaintance, it influenced, in my own life, so as well as the second factor. Everyone knows that AIDS is a big risk, it can happen to every person, even if they are not even aware of it for the first time. That is why I have given one of the biggest estimates to this factor. In general, every difficult or difficult situation always carries a certain risk, in different situations it can be either very high (excessive) or very low (acceptable).

Identified for myself dangerous and harmful factors for human life. On the 40th place, as the most important I chose military action, and I consider it a very relevant topic now for Ukraine, the more it touched me, because I am from Mariupol Donetsk region. I saw shells flying from the cities, and survived it when the shelling of the Eastern neighborhood in 2015 was over. At the 39th place, I put it in nuclear power, because I believe that the fault of most cancer is nuclear power. The Chernobyl nuclear explosion occurred in 1986, but even now people are experiencing the consequences, because it is not that far from Kiev, and the radiation levels in recent hours have not decreased. At 38, I chose food poisoning because I find this topic very relevant nowadays, because of the production of poor quality food. Every

year, people use a variety of supplements that replace the taste of natural foods, which is why food poisoning is relevant to me to this day. In 37th place I put AIDS because it is very important nowadays. 100 years ago, people did not even know that such a disease existed, but now every year people with this disease are growing exponentially, so we can not raise this important topic.

I also chose for myself 4 different factors that I consider to be less dangerous to myself. In the 4th place, I chose poverty, because I think it is for everyone. In my opinion, a truly poor person can be considered only when he has neither a purpose in life nor a favorite work that brings him pleasure. I have all these elements, so I am quite sure that poverty does not await me in this life, at least in spiritual terms. I placed domestic violence in 3rd place. In my family, careful attention is paid to moral values and love, so it does not threaten me. For many, this is really a problem, but I was lucky to get around. On the 2nd place I put drugs and on the 1st place smoking. In all my 17 years, I have never tried different drugs and never smoked in my life. For me, this is a principle that I will not change, regardless of any circumstances in my life. I believe that people who smoke and consume drugs are spoiling their health and are one step closer to death, so this is a futile exercise that is not worth my attention.

Statistical evaluation of dangerous and harmful factors for human life There are many unsafe and harmful factors around us. Anything can be a factor for a person, from the slippery steps and ending with a robber who is capable of murder for money or something of value. For me, the safest factors are: 1. Domestic violence 2. Unemployment 3. Poverty 4. Smoking Why did I put them in the first place? Let's start with domestic violence. For me, this factor is irrelevant because there is nothing like this in my family. I have second place unemployment because I consider myself a person who will always find a way out of any situation. And I also find a job for myself, because I can do a lot. Having read the previous sentences, I think you understand why poverty is also not terrible for me. Smoking is also not a terrible factor for me, because I have never liked this bad habit and I still do not understand the meaning of smoking. And these are the factors that I think are most dangerous:

37. Terrorism 38. Murders and deliberate injuries 39. AIDS 40. Road transport I believe that these factors are the most dangerous because we are not safe from them. Terrorism can happen on the same subway (in which most of us travel every day) at any time and it is not up to us. So is murder, AIDS and road transport. Walking down the street you cannot be safe from being robbed and killed. Of course, these are not frequent occurrences, but they are dangerous because it may not depend on us and we cannot control it. And car accidents are even a very common case, especially in a big city. Here is my statistical estimate of the dangerous and harmful factors for human life. Essay on "Statistical Evaluation of Hazardous and Harmful Factors for Human Life" The potential danger of human activity exists both explicitly and hiddenly, in the manifestation of its results, which are difficult to predict and which can cause traumas, deaths, diseases, impairment of working capacity and state of health. and other dangerous consequences. In my opinion, one of the most dangerous factors for human life is radioactive substances in the environment. Radioactive substances enter the body with dust, air, food or water and behave differently: some substances are distributed evenly in the human body, some accumulate in the bones, others remain in the muscles, accumulate in the thyroid gland, liver, kidneys, spleen and the like. This can lead to illness or even death. I believe that the safest factor for a person's life is personal problems and worries. Because a person can solve them on their own without any help or loss. Therefore, it is necessary to establish the conditions under which these factors cause undesirable effects and to prevent such conditions from occurring. I believe that the most dangerous factor in human life is nuclear power, because radioactive substances have a very negative effect on human health and have fatal consequences. The time of decomposition of substances is tens of years, which has a negative impact on the environment. Even more harmful factors, I would like to include Acquired Immunodeficiency Syndrome (AIDS), because this virus takes the lives of hundreds of people by destroying their immune system. Most people do not experience any symptoms after being infected with the virus.

To the less harmful factors, I attributed sports and mass activities, because these activities in most cases have a positive effect on people's lives, involving them

in a healthy lifestyle. In my opinion, personal problems and worries are not dangerous because everyone is able to solve them. The lowest ratings to sports and mass events, the presence of chemicals in food, and the presence of radioactive substances in food because I care about my health and do not consume harmful food. With the highest score of 40 I rated a dangerous factor such as unemployment. The problem of unemployment is a key issue not only in Ukraine, but in the whole modern world, and if it is not solved, it is impossible to establish effective economic activity and the unemployment rate will rise continuously. As the main cause of unemployment is the imbalance of labor supply and demand, this is why an active policy should be implemented in the country, consisting of measures aimed at: - increasing the demand for labor from the public and private sectors of the economy; - increasing the competitiveness of the workforce and ensuring the matching of workforce and jobs; - improvement of the employment process [6, p. 32]. The main directions of overcoming unemployment in Ukraine can be distinguished: improving the well-being of the population at the expense of personal labor contribution, entrepreneurship and business activity; providing appropriate unemployment assistance, job retention and retraining for jobless persons; thorough pension reform; promotion of comprehensive state protection of the intellectual potential of society; holding special job fairs for educational institutions for the purpose of employment of graduates; broadening the experience of organizing meetings with employers and former unemployed people who have successfully found a job or started a business; strengthening the coordination of international activities in the area of information exchange on employment; ensuring stable funding and state support for the development of the spiritual sphere, science, culture, education. With the highest score of 40 I rated a dangerous factor such as unemployment. The problem of unemployment is a key issue not only in Ukraine, but in the whole modern world, and if it is not solved, it is impossible to establish effective economic activity and the unemployment rate will rise continuously. As the main cause of unemployment is the imbalance of labor supply and demand, this is why an active policy should be implemented in the country, consisting of measures aimed at: - increasing the demand

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The human psyche has the ability to fatigue through stress, grief, and problem. But you always need to talk to someone in these situations. They say, "One head is good and two is better." I always "soberly" try to assess the situation, consider the consequences that can lead to irreparable, and remember that there are people with whom I can talk at any time, share, who I need any. 2. Acquired immunodeficiency syndrome - a disease that can be contracted from one's own mistake (dangerous sex without contraception) and someone else's (unqualified medical care). This disease is incurable and people do not live with it for a long time, even with a medical examination. Every time I visit the hospital, I try to follow the actions of doctors (disposable gloves, sterilized instruments). 3. I like to go to sports and mass events. Back in school, we were told the rules of behavior during dangerous situations in the premises and on the street. The most important thing is not to panic, group your body with your hands to your sides and bend them in your elbows. Stand firmly on your feet so that no one is knocked down and navigate the space. My growth and adherence to the rules, I think, allow me to avoid the dangers. 40. Food poisoning awaits consumers at every turn. Especially in the summer when poor-quality food

becomes even more dangerous. Statistics show that about 1.5 million people die every year from food poisoning in the world. I rarely use groceries purchased at a supermarket or store, but it still happens.

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PISKUNOVA Larisa
BONDAR Valeriia

LABOR SAFETY AND LIFE PROTECTION
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