

GENERAL HYGIENE

Requirements to knowledge and practical skills

General hygiene is a subject that studies the structure of environment and its influence on population health, the laws and methods of studying, the concept of risk factors as a basis of prevention of diseases, principles of the organization of preventive actions and the acts regulating their carrying out.

The aim of teaching General hygiene is formation of scientific knowledge about the influence of environment on organism for preservation and strengthening of health of the person.

Purposes of discipline studying consist in acquisition of the academic competence in:

- studying of the mechanism of influence of elements and environmental factors on population health;
- studying of methods of a hygienic estimation of environmental factors;
- studying of express methods of an estimation of a state of health (prenosological diagnostics).

Purposes of discipline teaching consist in formation of the personal professional competence of students:

- scientific substantiation of a healthy way of life;
- training to base principles of the organization of the preventive actions promoting formation of preventive thinking at observance of norms of medical ethics and deontology.

Discipline teaching is carried out by means of lectures and a practical classes according to the curriculum and meets the requirements of a modern pedagogical science.

Lectures are accompanied by multimedia presentations. On each practical class additional materials for carrying out both a theoretical part and practical are prepared. The current control of knowledge of students is carried out by checking of initial level of knowledge of a lecture and theoretical material, oral interrogation on a practical training and check of results of knowledge by the independent decision of situational problems.

The total estimation in a subject is exposed at examination and testing and for oral answers to each question of the ticket, the decision of a situational problem consists from arithmetic-mean all estimations received for a semester, estimations received by the student for self-prepare work.

REQUIREMENTS OF THE EDUCATIONAL STANDARD

The student should know:

- theoretical and practical aspects of problems of preservation and strengthening of health of the population, the prevention, use of beneficial effect of factors of environment on a current and a disease outcome, recovery of health and working capacity;
- physiological bases of a healthy way of life and the concept of risk factors as bases of modern representations about preventive maintenance of diseases;
- balanced diet laws, methods of an estimation of an actual food and the status of a food, a dietetic therapy basis in the public health services organizations;
- hygienic requirements to a mode in the organizations of public health services, a way of the prevention of an intrahospital infection;
- bases of the organization of sanitary inspection in the Republic of Belarus;
- the factors of an environment influencing a state of health and working capacity.

The student should be able:

- to carry out hygienic training and education, to carry out formation of a healthy way of life;
- to execute a hygienic estimation of indicators of a microclimate, ventilation, illumination, quality of potable water and foodstuff;
- to define indicators of physical development, physical readiness;
- to execute an estimation of an actual food and the status of a food, drawing up and the analysis of the menu-apportion of products;
- to define indicators of physical, intellectual and professional working capacity;
- to carry out hygienic diagnostics of health, a health estimation on individual, collective and population level;
- to reveal premorbid state of an organism;
- to reveal and estimate the factors of an environment influencing a state of health and working capacity;
- to develop hygienic recommendations about the prevention of negative consequences of influence of these factors.

**THE KNOWLEDGE AND PRACTICAL SKILLS ESTIMATION CRITERIA
FOR THE FACULTY OF FOREIGN STUDENTS
ON THE DEPARTMENT OF THE GENERAL HYGIENE AND ECOLOGY**

10 points - ten:

- The systematized, deep and full knowledge on all sections of the curriculum, and also on **the basic questions leaving for its limits**;
- **Exact** use of scientific terminology, stylist competent, logically correct statement of the answer to questions;
- **Faultless possession** of subject matter toolkit, its ability effectively to use in statement and the decision of scientific and professional problems;
- **The expressed ability** independently and creatively to solve challenges in a non-standard situation;
- **Full and deep mastering of the basic and additional** literature recommended by the curriculum of discipline;
- **Ability to be guided** in theories, concepts and directions on studied discipline and to state them a critical estimation, to use scientific achievements of other disciplines;
- **Creative independent work** on practical, laboratory researches, **active** participation in group discussions, **high level of culture** of execution of tasks.

9 points - nine:

- The systematized, deep and full knowledge on all sections of the curriculum;
- Exact use of scientific terminology (including on a foreign language), stylist competent, logically correct statement of the answer to questions;
- **Possession** of subject matter toolkit, its ability effectively to use in statement and the decision of scientific and professional problems;
- **Ability** independently and creatively to solve challenges in a non-standard situation within the limits of the curriculum;
- **Full mastering of the basic and additional** literature recommended by the curriculum of discipline;
- **Ability to be guided in the basic** theories, concepts and directions on studied discipline and to state them a critical estimation;
- Independent work on practical, laboratory researches, **creative** participation in group discussions, **high level of culture** of execution of tasks.

8 points - eight:

- The systematized, deep and full knowledge on all put questions in curriculum volume;
- Use of scientific terminology, стилистически competent, logically correct statement of the answer to questions, ability to do **substantiated conclusions**;
- **Possession** of subject matter toolkit (methods of the complex analysis, techniques of information technologies), ability it to use in statement and the decision of scientific and professional problems;
- **Ability** independently to solve challenges within the limits of the curriculum;

- **Mastering of the basic and additional** literature recommended by the curriculum of discipline;
- **Ability to be guided in the basic** theories, concepts and directions on studied discipline;
- **Active independent work** on practical, laboratory researches, **regular** participation in group discussions, **high level of culture** of execution of tasks.

7 points - seven:

- The systematized, deep and full knowledge on all sections of the curriculum;
- Use of scientific terminology (including on a foreign language), stylist and logically correct statement of the answer to questions, ability to do **substantiated conclusions**;
- **Possession** of subject matter toolkit, ability it to use in statement and the decision of scientific and professional problems;
- **Mastering of the basic and additional** literature recommended by the curriculum of discipline;
- **Ability to be guided in the basic** theories, concepts and directions on studied discipline and to state them a critical estimation;
- **Independent work** on practical, laboratory researches, participation in group discussions, **high level of culture** of execution of tasks.

6 points - six:

- **Full enough** and systematized knowledge in curriculum volume; use of necessary scientific terminology, stylist competent, logically correct statement of the answer to questions, ability to do **substantiated conclusions**;
- **Possession** of subject matter toolkit, ability it to use in the decision of educational and professional problems;
- **Ability** independently to apply typical decisions within the limits of the curriculum;
- **Mastering of the basic** literature recommended by the curriculum of discipline;
- **Ability to be guided in base** theories, concepts and directions on studied discipline and to state them a comparative estimation;
- **Active independent work** on practical, laboratory researches, periodic participation in group discussions, **high level of culture** of execution of tasks.

5 points - five:

- **Sufficient** knowledge in curriculum volume;
- Use of scientific terminology, стилистически competent, logically correct statement of the answer to questions, ability to do conclusions;
- **Possession** of subject matter toolkit, ability it to use in the decision of educational and professional problems;
- Ability independently to apply typical decisions within the limits of the curriculum;
- **Mastering of the basic** literature recommended by the curriculum of discipline;
- **Ability to be guided** in base theories, concepts and directions on studied

discipline and to state them a comparative estimation;

- **Independent work** on practical, laboratory researches, participation in group discussions, **high level of culture** of execution of tasks.

4 points - four, pass in (passed):

- **Sufficient volume of knowledge** within the limits of the educational standard;

Mastering of the basic literature recommended by the curriculum of discipline;

- Use of scientific terminology, a stylistic and logic statement of the answer to questions, ability to do conclusions **without essential errors**;

- **Possession** of subject matter toolkit, ability it to use in the decision **of standard (typical)** problems;

- **Ability** under the guidance of the teacher to solve standard (typical) problems;

- **Ability to be guided** in the basic theories, concepts and directions on studied discipline and to state them an estimation;

- **Work** under the guidance of the teacher on practical, laboratory researches, **admissible level of culture** of execution of tasks

3 points - three, not passed:

- **Insufficiently full volume of knowledge** within the limits of the educational standard;

- **Knowledge of a part of the basic** literature recommended by the curriculum of discipline;

- Use of scientific terminology, a statement of the answer to questions with **essential linguistic and logic errors**;

- **Weak possession** of subject matter toolkit, **incompetence** in the decision **of standard (typical)** problems;

- **Inability to be guided** in the basic theories, concepts and directions of studied discipline;

- **Passivity** on practical and laboratory researches, **low level** of culture of execution of tasks.

2 points - two, not passed:

- **Fragmentary knowledge** within the limits of the educational standard;

- **Knowledge of the separate** references recommended by the curriculum of discipline;

- Inability to use scientific terminology of discipline, presence in the answer **of rough stylistic and logic errors**;

- **Passivity** on practical and laboratory researches, **low level** of culture of execution of tasks.

1 point - one, not passed:

- **Absence of knowledge and competence** within the limits of the educational standard **or** refusal of the answer.