

PROGRAMME OF ENTRANCE EXAM FOR THE MASTER'S DEGREE IN "PUBLIC HEALTH"

Topic 1. Public health and its determining factors. Social determinants of health.

Public health and healthcare as a science. The concept of public health and the factors that determine it. The subject of the study of public health and public health. Definition of public health and its characteristics. The main areas of activity of a specialist in the field of public health and public health. The concepts of "health" and "public health". Determinants of health. Modern approaches to health assessment. Criteria of public health. The World Health Organization. Purpose, objectives, functions and role in the modern world.

Topic 2. Characteristics of medical and demographic processes

Medical and demographic characteristics of the population. The main demographic indicators. Mortality. Birth rate. Natural growth. Infant and maternal mortality. Fertility. The average life expectancy. Migration – types, impact on public health. Indicators of potential demographics. Demographic status: population size, composition of the population by gender and age, professional employment, education, marital status, ethnic groups, religious affiliation, social and socio-economic status, living conditions, proportion of urban and rural population. Characteristics of modern demographic processes in the Russian Federation. Characteristics of modern migration processes and their impact on public health.

Topic 3. Morbidity of the Russian population. A medical and social problem.

Morbidity of the Russian population (status and trends). Methods of studying morbidity. Types of morbidity. The concepts of "primary morbidity" and "prevalence". The concept of a medical and social problem. Criteria that define a disease as a medical and social problem. Diseases of the circulatory system as a medical and social problem. The main trends and age-sex characteristics of morbidity and mortality from diseases of the circulatory system. The main risk factors and prevention of diseases of the circulatory system. Malignant neoplasms as a medical and social problem. The main trends and age-sex characteristics of morbidity and mortality from cancer. Risk factors and prevention of oncological diseases. Respiratory diseases as a medical and social problem. Drug addiction

and substance abuse as a medical and social problem. Disability as a medical and social problem. The structure of the causes of primary disability in the Russian Federation. The main ways of disability prevention.

Topic 4. Prevention of diseases. Healthy lifestyle.

The purpose, objectives, types, criteria for assessing prevention. Risk factors: definition, classifications, assessment methods (absolute risk, relative risk). Commonality and features of the risk of occurrence and development of the most important non-epidemic diseases.

Hygienic education and upbringing of the population: purpose, objectives, principles, methods, forms, means.

Healthy lifestyle. Modern problems of forming a healthy lifestyle. The health center. Overweight and obesity as a serious public health problem in the WHO European Region.

The level of physical activity of the population of the EU and Russia. Physical activity and its impact on health. Recommendations for physical activity to improve health.

Topic 5. Public health policy

Compulsory health insurance: definition, principles. Subjects and participants of compulsory medical insurance in the Russian Federation, their rights and obligations. The Law of the Russian Federation "On Compulsory Medical insurance in the Russian Federation" (2010). The rights of insured persons in the system of compulsory medical insurance. Means of compulsory medical insurance. Purpose and types of medical insurance. Problems of medical insurance in the Russian Federation. The main differences between the compulsory and voluntary health insurance system. Voluntary health insurance: definition, principles, program. "On the Fundamentals of Public Health Protection in the Russian Federation" Federal Law No. 323-FZ of November 21, 2011. Basic concepts and principles of health protection. The rights and obligations of citizens in the field of health protection. Types, forms, and conditions of medical care. The program of state guarantees of free medical care to citizens.

The main directions of healthcare system reform. The State program of the Russian Federation "Development of healthcare". The program's target indicators.

Literature:

1. Selected lectures on public health and public health: A textbook. Edited by Kucherenko V.Z. Moscow, 2010.
2. Medik V., Yuriev V. Public health and healthcare: textbook. Moscow: GEOTAR-Media, 2014.
3. Public health and healthcare. Healthcare Economics: a textbook. In 2 volumes. Edited by Kucherenko V.Z. M.: GEOTAR – Media. 2014.
4. Organization of medical care in the Russian Federation: Textbook / Edited by V.A. Reshetnikov. — Moscow: LLC "Publishing house "Medical Information Agency", 2018. — 432 p.

Online resources:

1. <http://www.gks.ru/>
2. <http://www.who.int/ru/>
3. <https://www.rosminzdrav.ru>