

FEDERAL STATE BUDGETARY  
EDUCATIONAL INSTITUTION OF HIGHER EDUCATION  
«KIROV STATE MEDICAL UNIVERSITY»  
OF THE MINISTRY OF HEALTHCARE OF THE RUSSIAN FEDERATION  
(FSBEI HE Kirov SMU MOH Russia)



APPROVED BY  
Chairman of the Admission Committee,  
Rector of FSBEI HE Kirov SMU  
MOH Russia  
M.D., professor

  
L.M. Zheleznov  
« 31 » \_\_\_\_\_ 2021.

**CRITERIA FOR ASSESSING THE KNOWLEDGE OF APPLICANTS ENTERING THE  
GENERAL MEDICINE (ENGLISH MEDIUM) PROGRAM  
AT ENTRANCE EXAMINATION IN CHEMISTRY**

Entrance examination in chemistry is carried out in the form of test tasks at different levels. Test tasks are divided into 5 blocks: I block - General chemistry, II block - Inorganic chemistry, III block - Organic chemistry, IV block - Genetic relationship between classes of organic compounds, V block - Genetic relationship between classes of inorganic compounds.

Blocks I, II and III contain 5 questions each. The questions are closed-ended with multiple choices. In the answer, the applicant indicates one variant of the correct answer. Each correct answer gives 5 points. The maximum number of points for completing tasks of I, II and III blocks is 75 points.

Block IV is a third level open-ended test task, test does not indicate the answer options and gives 10 points for correct answer. Fulfillment of the tasks of the IV block is associated with the ability of applicants to analyze and generalize, to predict the properties of organic substances on the basis of the received general ideas.

The deduction of the points when assessing the completed task of the IV block is made in proportion to the number and significance of the identified mistakes and deficiencies in the answer. For example, an applicant makes mistakes when composing formulas for substances and equations of reactions.

Block V is a third level open-ended test task, test does not indicate the answer options and gives 15 points for correct answer. The fulfillment of the tasks of the V block is associated with the ability of applicants to analyze and generalize, predict the properties of inorganic substances on the basis of the general ideas obtained and make the necessary calculations.

The maximum score for the completed task of the V block is given if the applicant knows and is able to apply the theoretical foundations of chemistry when considering the properties of classes of inorganic substances and specific compounds, and also knows how to express them using the equations of reactions; knows chemical nomenclature, is able to solve computational problems, using rational methods, all calculations are correct.

The deduction of the points when assessing the completed task of the V block is made in proportion to the number and significance of the identified mistakes and deficiencies in the answer. For example, an applicant makes mistakes when composing formulas of substances and equations of reactions; knows how to solve computational problems, but makes calculation errors.

The maximum score for all tasks is 100.

The minimum score for a positive assessment: for applicants entering the program "General Medicine" - 40 points.

Chairperson of the Subject Commission for Chemistry



I.A. Tokareva