



**“Karaganda Medical University”  
non-commercial Joint Stock Company**

**The PROGRAM  
of the entrance special (psychometric) exam  
for groups of educational programs  
"B084 NURSING", "B086 GENERAL MEDICINE", "B087 DENTISTRY"  
and medical specialties of technical and vocational education**

Karaganda 2021

## **I. General provisions**

1. This Program describes the conduct of a special (psychometric) exam in the "Medical University of Karaganda" and establishes the procedure for its conduct for applicants to groups of educational programs of higher education "B084 Nursing", "B086 General Medicine", "B087 Dentistry" and for applicants to programs of technical and vocational education in medical specialties.
2. The procedure for admission of persons entering the groups of educational programs "B084 Nursing", "B086 General Medicine", "B087 Dentistry" in the "Medical University of Karaganda" and in medical specialties of Technical and vocational education is regulated by orders of the Minister of Education and Science of the Republic of Kazakhstan dated October 31, 2018 No. 600 " On approval of Standard Rules for admission to training in educational organizations, implementing educational programs of higher and postgraduate education" and dated October 18, 2018 No. 578 "On approval of the Standard Rules for admission to training in educational organizations implementing educational programs of technical and vocational, post-secondary education".
3. The purpose of a special (psychometric) exam is to identify the psychological characteristics of an applicant for studying at a medical university, motivation, ability to make risky decisions and stress resistance to psychoemotional loads.
4. A special (psychometric) exam is conducted in an electronic format, the duration of the test is 100 minutes.
5. A special (psychometric) exam is conducted within the time limits established by the Standard Admission Rules.
6. The content of the special exam is determined by a validated set of psychological and socially-oriented diagnostic methods for determining professional psychological readiness to study at a medical university.
7. To organize and conduct a special (psychometric) exam, an examination commission is created from among the competent specialists in the field of medical education, the composition of which is approved by the order of the Chairman of the Board-the Rector of the Karaganda Medical University.
8. The schedule of the special (psychometric) exam (content, date, time and place of holding, date of announcement of the results) is approved by the chairman of the admission committee and is brought to the attention of applicants no later than the start of accepting documents.
9. According to the results of a special exam, an extract from the admission statement (certificate) is issued to the applicant for presentation to the university at the place of enrollment.
10. The results of the special exam are transferred to the "Medical University of Karaganda" to the information system of the National Testing Center of the Ministry of Education and Science of the Republic of Kazakhstan for participation in the competition for the award of an educational grant of higher education at the expense of the republican budget and (or) enrollment in the university for paid training.

## **II. The procedure for conducting**

1. Admission to the audience for a special (psychometric) exam and compliance with law and order during the exams is provided by responsible employees of the Department of Academic Work and employees of the departments of the university involved in conducting the exams.
2. When conducting a special (psychometric) exam, the presence of unauthorized persons in the audience without the permission of the chairman of the commission is not allowed.

3. The applicant is obliged to appear for a special (psychometric) exam on the date and time selected during registration.
4. Admission of the applicant to the audience is carried out 15 minutes before the start of the exam.
5. Admission of the examinee to the audience for a special (psychometric) exam is carried out upon presentation of an identity document.
6. For the duration of the special (psychometric) exam, the applicant must take with him only an identity document and a document of education (certificate/diploma). The applicant leaves extra things in the audience on a specially designated table (at the entrance to the audience).
7. The duration of the special (psychometric) exam is 100 minutes.
8. In cases of restrictive measures, the introduction of a state of emergency, the occurrence of emergency situations of a social, natural and man-made nature in a certain territory, it is allowed to conduct a special (psychometric) exam online with preliminary identification of the applicant via video communication.
9. At a special (psychometric) exam, a calm and friendly atmosphere should be provided, the applicants should be given the opportunity to carefully read and answer the proposed questions most honestly.
10. During the special (psychometric) examination, participants of these events and persons involved in their conduct are prohibited from carrying and using communication and electronic computing equipment.
11. The exam begins strictly at the scheduled time.
12. Before the start of the special (psychometric) exam, the rules are explained to applicants, the start and end times, the time and place of the announcement of the results and the appeal are indicated.
13. During the special (psychometric) exam, applicants must comply with the following rules:
  - take the place indicated to them by the examiner;
  - observe silence and work independently, do not talk to other applicants;
  - do not walk around the audience, move to another place;
  - do not leave the exam room without the examiner's permission.
14. For violation of the rules of conducting exams, the applicant may be removed from the audience.
15. If the applicant is late for a valid reason by the beginning of the exam for less than 30 minutes, the applicant may be admitted to the exam, and the time for completing the task does not increase, which he is warned about in advance.
16. Applicants who did not show up for the exams without a valid reason are not allowed to take the exam.
17. The verification of a special (psychometric) exam is organized automatically, by a specially developed program and is uploaded by an Excel sheet. Admission levels were calculated by information and mathematical methods, based on the success of students' education at the university according to objective indicators of the level of knowledge and skills acquired, and are statistically reliable.
18. The results of the special (psychometric) exam are issued by a statement from the information system in electronic form. The results are stored in the information system throughout the year and are available for viewing to the chairman of the examination commission and the executive secretary.
19. The results of a special (psychometric) exam are issued by an electronic certificate.
20. Retaking a special (psychometric) exam is not allowed.
21. In order to ensure compliance with the requirements and resolve controversial issues of the special (psychometric) exam, to protect the rights of persons taking the exam, an appeal commission is created for the period of the examination.

22. The Appeal Commission is created to consider the applications of persons only for technical reasons. The chairman and the composition of the appeal commission are approved by the order of the Chairman of the Board-the Rector of the "Medical University of Karaganda".
23. An application for an appeal is submitted to the chairman of the appeal commission personally by a person who has passed a special (psychometric) exam. Applications are accepted until 13 o'clock the next day after the announcement of the exam results and are considered by the appeal commission within one day.
24. The Appeal Commission works with each person individually. If a person fails to appear at a meeting of the appeal commission, his application for appeal is not considered.
25. The decision on the appeal for technical reasons of the exam is made by a majority vote of the total number of members of the commission. In case of equality of votes, the vote of the chairman of the commission is decisive. The work of the appeal commission is formalized by a protocol signed by the chairman and all members of the commission.

### **III. Exam content**

1. The special exam in the "Medical University of Karaganda" consists of 6 specially selected psychometric diagnostic techniques (blocks). The total number of all questions in the blocks is 189.
2. Each block is a separate set of questions with a choice of answers from the suggested options (for example yes/no, never/sometimes, choose one of the answer options).
3. Before the start of testing for each block, the examinee is provided with a brief instruction containing the purpose of testing and explanations on the choice of options.
4. A special exam does not require preliminary preparation for it, due to the fact that it does not aim to study knowledge and skills in the field of any subject or discipline being studied, but only diagnoses the level of awareness of choosing a profession.

### **IV. Evaluation criteria**

1. The special exam is evaluated in the form of "admission" or "non-admission".
2. The system and mechanisms of conducting a special exam were tested on a representative sample, where the respondents were students of different courses of the medical university.
3. As a result of psychometric testing, a set of psychological characteristics is determined, expressed in a digital equivalent. Based on these data, a regression equation is used to calculate the total score reflecting the ability to study at a medical university.
4. The regression equation and the threshold level were calculated using information and mathematical methods, based on the success of students' education at the university according to objective indicators of the level of knowledge and skills acquired and are statistically reliable.