REGULATIONS of CARRYING OUT EXAMINATION on the discipline "Medical biology"

Final control is carried out in the form of examination. Students, who visited all classes provided by the training program on discipline and reworked all skipped classes, are allowed to final control (examination).

Examination is carried out after the termination of all practical classes on discipline and is passed by students in the period of examinations according to the schedule.

Students, who have the skipped and not reworked practical classes, are not allowed to examination. Such students have to rework all skipped classes according to the schedule.

Test questions are open questions and are brought to the attention of students not later than 1 month before the termination of practical training.

Examination is accepted in the presence of the record book only.

Within a year students receive marks during practical classes which are transformed to points (maximum 120 points).

The minimum number of the current points which needs to be received, makes 60% of the maximum sum in 120 points, that is 72 points. However if the student did not get the minimum
points for the current progress, he receives it at examination on condition of passing an examination on a positive mark (in this case he gets 120 points on discipline and the mark "satisfactory").

*The maximum number of points for examination* makes 80, and *minimum* makes 48.

**Examination** (final module control) is carried out by computer testing which contains questions of the State license examination "Krok-1" and questions on all material of the discipline; the mark for testing is put down in the whole points from 0 to 80.

Examination is considered as passed if the student receives during examination not less than 60% of points of the greatest possible 80 points, i.e. 48 points.

The student, who was absent on examination without good reason, receives a bad mark (poor grade). Non-participation of a student in examination is estimated as the unsatisfactory answer (0 points).

In case of receiving the poor mark, the student repeats an examination twice according to the special schedule which is approved by dean's office.

*At the first repeating an examination*, the student can choose the volume of tasks for solving – **a complete set** of questions (questions of the State license exam "Krok-1" and questions on all material of the discipline), and then he receives from 0 to 80 points for this examination which (not less than 48 points) are added to the sum of the current points (and the mark for the discipline depend on the total sum), or **the reduced set** (only questions of the State license exam "Krok-1"), and then, in the case of successful passing of these tests (not less than 60% of all questions are answered correctly), examination is considered as passed exam on 48 points, and student gets 120 points for discipline (the mark
"satisfactory")).

At the second repeating an examination, the student is tested only by questions of the State license exam "Krok-1", and then, in the case of successful passing of these tests (not less than 60% of all questions are answered correctly), examination is considered as passed exam on 48 points, and student gets 120 points for discipline (the mark "satisfactory"). The examination committee can decide to lower the lowest passing score (percentage of the correct answers) for testing.

After carrying out an examination the sheet is returned to the dean's office by the examiner in the day of exam.

By results of examination, the student receives a mark in a national Ukrainian scale: excellent (5), good (4), satisfactory (3), or poor (2).

The range of 120–139 points corresponds to the examination mark as "satisfactory", 140–169 points corresponds to the "good" mark, 170–200 points corresponds to the "excellent" mark.

Examination questions

The first group of questions includes the questions of the State license exam "Krok-1". You can download the latest edition of the book "Test Items on Medical Biology: Training for State Licensing Examination “Krok”" (Electronic edition, 2019, v.2.2) by clicking here. These questions are fully opened: all five variants of answers are given, and correct answer is
indicated.
Exam includes 25 questions from the following sections:

- Cytology and cytogenetics – 2 questions
- Classical genetics – 2 questions
- Molecular genetics – 3 questions
- Medical genetics – 5 questions
- Population genetics and evolution – 1 question
- General biology – 2 questions
- Protozoans – 3 questions
- Helminths – 4 questions
- Arthropods – 2 questions
- Mixed questions on parasitology – 1 question

The second group of questions is the theoretical questions on all material of the discipline. These questions are opened, all variants of answers are given, but correct answers are not marked (students have to find correct answers on one’s own). These questions are presented here. Exam includes 10 questions from the following sections:

- Cytology and cytogenetics – 1 question
- Classical genetics – 1 question
- Molecular genetics – 1 question
- Medical genetics – 1 question
- Population genetics and evolution. General biology – 1 question
- Protozoans – 1 question
- Helminths – 3 questions
- Arthropods – 1 question

Rules of computer testing

The first passing an examination. The student answers 35 questions (25 questions Krok-1 and 10 questions on all material of the discipline). Examination lasts 35 minutes.

The second passing an examination (first repeating an examination). The student chooses
the volume of tasks for examination: a complete set of 35 questions (for 35 minutes) or testing on the Krok-1 questions only (25 questions for 25 minutes).

**The third passing an examination (second repeating an examination).** The student answers only 25 Krok-1 questions (examination lasts 25 minutes).

**Attention!** The majority of questions from the second group (on all material of the discipline) contain several correct answers. The question is taken into account if all correct answers are marked (the full correct answer). If one correct answer from several correct answers is not chosen or one wrong answer is marked, this question is NOT taken into account.