Criteria
for evaluation of knowledge and practical skills of students
at the Department of Medical Biology and Genetics

1. **Criteria for evaluation of knowledge when testing:**
The mark is put down automatically according to the percent of the given correct answers at computer testing (40 percent of the correct answers at computer testing enable a student to pass oral interview).

2. **Criteria for evaluation of practical skills:**

- **Solution of situational tasks:**
  The fifth level (9 points) - a student answers all questions of a situational task (100%) fully and correctly, applies information from basic, main and additional literature widely.

  The fourth level (7-8 points) - a student gives correct but not detailed answers to all questions, with insignificant mistakes (100%), being guided by information from basic and main literature.

  The third level (5-6 points) - a student solves a problem correctly but does not answer all questions (70 - 89%), losing details, making insignificant mistakes, operating the information only from basic literature.

  The second level (3-4 points) - a student doesn't solve a problem, does not answer all questions (50 - 69%), losing details, operates the information only from basic literature.

  The first level (1-2 points) - a student does not solve a problem, gives the wrong answer to the questions raised in a task.

- **Definition and description of micro- and macropreparations:**
  Practical skills of determining and describing micro- and macropreparations are evaluated by “passed/failed” grade.

3. **Criteria for evaluation of oral knowledge:**

  The first level (1-2 points) – a student performs the knowledge at the level of recognition; the material cannot be repeated by student.

  The second level (3-4 points) – a student can reproduce the information, recognize, memorize, and reproduce it in memory, but not completely, with no understanding of all relations and laws.

  The third level (5-6 points) – a student can reproduce (reproductive character) and partially produce the information (developing character), information is acquired at the level of reproduction and understanding; cause-and-effect relations are established; importance of the material and its connection with other topics of classes is realized.

  The fourth level (7-8 points) – educational activity is efficient and it presupposes high level of knowledge understanding; student is aware of relationships not only within one section, but within the whole course; expresses ability to apply
knowledge in practice in typical familiar situations to explain observed phenomena and processes, and to solve biological problems.

**The fifth level (9 points)** - the level of search activity; e.g., writing an essay, solution of heuristic situational problems based on interdisciplinary awareness of the material, creative application and implementation of knowledge into new, non-standard situation.

«10» can be received if a student has reached the level of creative learning, has taken one of the first places in a competition on the subject, and has taken an active part in carrying out any educational or research project.

4. **Criteria of a total examination assessment of knowledge**

   The positive results received at computer testing, the correct solution of situational tasks and well-developed practical skills allow the student to be interviewed orally by the examiner.