

## POINT-CUMULATIVE SYSTEM OF ASSESSMENT OF KNOWLEDGE IN THE DISCIPLINE OF MICROBIOLOGY AND VIROLOGY

### POINTS ARE CALCULATED ACCORDING TO THE FOLLOWING CRITERIA:

1. **Points are awarded for control work for each module.** Each control work includes test tasks and one theoretical question, the implementation of practical skills and filling out a workbook.

#### **Criteria for evaluating tasks in a test form:**

- «5» balls – 91-100% correct answers
- «4» balls – 81-90% correct answers
- «3» balls – 71-80% correct answers
- «0» balls – 0-70% correct answers

#### **Criteria for assessing knowledge of theoretical material:**

- "5" points - the answer fully corresponds to the question asked, additional literature was used
- "4" points - the answer is complete corresponds to this question, but there are inaccuracies
- "3" points - the answer is incomplete, corresponds to the question asked
- "0" points - the answer is incorrect and does not correspond to the question asked

#### **Criteria for assessing practical skills:**

- "2" points - correct implementation of practical skills
- "1" point - implementation of practical skills with errors
- "0" points - not fulfilling practical skills

#### **Criteria for evaluating the completion of the workbook**

- "2" points - correct and timely completion of the workbook
- "1" point - filling out the workbook with errors or untimely completion
- "0" points - not filling out the workbook

### **2. Working out (otrabotki):**

- Practicing missing lessons and control works are accepted at the department during the semester according to the schedule. When working out missing control works for a good reason, points are awarded in full (see evaluation criteria above).
- Missed practical classes outside the control lessons are worked out without scoring points.
- When working out missed control lessons without good reason, all points received are divided by 2.
- When scoring less than 40% of the total number of points for the semester (less than 34 points), the student is obliged to get the missing points in the practice, but not more than 50% of the maximum points scored.
- Upon presentation of a certificate "without working off" for the midterm control lesson, 3 points are awarded for theory and tests, as well as 1 point for the implementation of practical skills and the design of a workbook after they are checked by the teacher.

### **3. Penalties:**

If you miss a lecture without a valid reason, points are deducted: 1 point for each missed lecture.

### **4. Additional points are awarded to students participating in the SSS (student scientific society), and are taken into account in the autumn semester:**

- Poster presentation - 3 points, abstracts for the conference - 3 points
- Oral presentation or video film at conferences - 5 points
- Diploma for 1st-3rd place in Russian conferences - 10 points
- Diploma for 1-3 place in foreign conferences - 14 points
- An article in RSCI journals - 5 points, in foreign collections - 7 points, in HAC journals - 10 points
- Winner of regional, all-Russian and international exhibitions - 10 points

- Winners of the annual competition in microbiology and the annual Olympiad in microbiology receive 3 points for third place, 5 points for second place, and 7 points for first place.

### **SCORE COUNTING:**

In total, you can score a maximum of 84 points for the semester - this is 100%. Total for the year: 84 points for the spring semester + 84 for the fall semester = 168 points. 168 points is 100%, 152 points is 91%, 136 points is 81%, 119 points is 71%. Exemption from the first stage of the exam - practical skills - is subject to a set of 81-100% points.

Students who score 91-100% on the basis of the results of two semesters are exempted from the exam with a grade of "5" (excellent), which is entered into the statement and record book on the day of the exam.

Students who score 81-90% of the scores at the end of two semesters are exempted from the exam with a grade of "4" (good), which is entered into the statement and record book on the day of the exam.

Students who scored 71-80% of the scores at the end of two semesters pass the first stage of the exam - practical skills and are exempted from the exam with a grade of "3" (satisfactory), which is entered into the statement and record book on the day of the exam. If the student does not agree with the sum of the points scored and the grade obtained, then he takes the exam on a general basis.

Students who score 70% or less at the end of two semesters pass all three stages of the exam: practical skills, and then in the computer class the 2nd and 3rd stages.

**NB! All students involved in SSS (student scientific society) are exempted from the practical stage of the exam, regardless of the number of points scored.**

### **EVALUATION CRITERIA FOR INTERIM CERTIFICATION IN MICROBIOLOGY AND VIROLOGY USING A COMPUTER FORM:**

**Stage I (practical skills) - "pass" or "fail".**

**Stage II (testing) - the number of correct answers**

70% and less – mark «2»

71-80% - mark «3»

81-90% - mark «4»

91- 100% - mark «5»

**Stage III - situational tasks (5 tasks)**

**Final Evaluation Criteria:**

| II stage | III stage – the number of correctly solved situational tasks | Final grade |
|----------|--|-------------|
| «2»      | -  | «2»         |
| «3»      | 0 - 1  | «2»         |
| «3»      | 2 - 3  | «3»         |
| «3»      | 4 - 5  | «4»         |
| «4»      | 0 – 1 - 2  | «3»         |
| «4»      | 3 - 4  | «4»         |
| «4»      | 5  | «5»         |
| «5»      | 0 – 1 - 2  | «3»         |
| «5»      | 3  | «4»         |
| «5»      | 4 - 5  | «5»         |

All stages of the assessment of students' knowledge are carried out under the supervision of the head of the department. microbiology and virology with the course of immunology, professor, d.m.s. Yu.V. Chervinets