

STUDENT KNOWLEDGE ASSESSMENT CRITERIA

ON A 10-POINT SCALE

in the academic discipline "Clinical Assessment of Laboratory Tests"

at the Department of Cardiology and Internal Diseases

10 (ten) points, passed:

- systematic, in-depth, and comprehensive knowledge of all sections of the higher education institution's curriculum for the academic discipline "Clinical Assessment of Laboratory Tests," as well as the main issues beyond its scope;
- accurate use of scientific terminology (including in a foreign language), competent, logically correct presentation of answers to questions;
- flawless mastery of the tools of the academic discipline "Clinical Assessment of Laboratory Tests," the ability to use them effectively in setting and solving scientific and professional tasks (understanding the pathophysiological processes underlying changes in complete blood count, urinalysis, blood biochemistry, coagulogram, skills in identifying the leading laboratory syndrome, constructing an algorithm for further diagnostic search);
- a pronounced ability to independently and creatively solve complex problems in non-standard situations;
- complete and in-depth mastery of the main and additional literature on the academic discipline "Clinical Assessment of Laboratory Tests";
- ability to freely navigate theories, concepts, and trends in the academic discipline "Clinical Assessment of Laboratory Tests" and provide an analytical assessment of them;
- use scientific achievements from other disciplines;
- creative independent work in practical and laboratory classes, active creative participation in group discussions high level of task performance.

9 (nine) points, passed:

- systematic, in-depth, and comprehensive knowledge of all sections of the higher education institution's curriculum for the academic discipline "Clinical Assessment of Laboratory Tests";
- accurate use of scientific terminology (including in a foreign language), competent, logically correct presentation of answers to questions;
- mastery of the tools of the academic discipline "Clinical Assessment of Laboratory Tests," the ability to use them effectively in setting and solving scientific and professional tasks (understanding of the pathophysiological processes underlying changes in complete blood count, urinalysis, blood biochemistry, coagulogram, skills in identifying the leading laboratory syndrome, constructing an algorithm for further diagnostic search);
- the ability to independently and creatively solve complex problems in non-standard situations within the framework of the higher education institution's curriculum for the academic discipline "Clinical Assessment of Laboratory Tests";
- full mastery of the basic and additional literature recommended by the curriculum of the higher education institution for the academic discipline "Clinical Assessment of Laboratory Tests";
- ability to navigate theories, concepts, and trends in the academic discipline "Clinical Assessment of Laboratory Tests" and provide an analytical assessment of them;

- systematic, active independent work in practical and laboratory classes, creative participation in group discussions, high level of task performance.

8 (eight) points, passed:

- systematic, in-depth, and comprehensive knowledge of all sections of the higher education institution's curriculum for the academic discipline "Clinical Assessment of Laboratory Tests" within the scope of the higher education institution's curriculum for the academic discipline;
- use of scientific terminology (including in a foreign language), competent, logically correct presentation of answers to questions, ability to make reasoned conclusions and generalizations;
- mastery of the tools of the academic discipline "Clinical Assessment of Laboratory Tests," the ability to use them effectively in setting and solving scientific and professional problems (understanding of the pathophysiological processes underlying changes in complete blood count, urinalysis, blood biochemistry, and coagulogram, skills in identifying the leading laboratory syndrome and constructing an algorithm for further diagnostic investigation);
- the ability to independently solve complex problems within the framework of the higher education institution's curriculum in the academic discipline "Clinical Assessment of Laboratory Tests";
- mastery of the basic and additional literature recommended by the curriculum of the higher education institution for the academic discipline "Clinical Assessment of Laboratory Tests";
- ability to navigate theories, concepts, and trends in the academic discipline "Clinical Assessment of Laboratory Tests" and provide an analytical assessment of them;
- active independent work in practical and laboratory classes, systematic participation in group discussions, high level of task performance.

7 (seven) points, passed:

- systematic, in-depth, and comprehensive knowledge of all sections of the higher education institution's curriculum in the academic discipline "Clinical Assessment of Laboratory Tests";
- use of scientific terminology (including in a foreign language), competent, logically correct presentation of answers to questions, ability to make reasonable conclusions and generalizations;
- mastery of the tools of the academic discipline "Clinical Assessment of Laboratory Tests," the ability to use them in setting and solving scientific and professional problems (understanding of the pathophysiological processes underlying changes in complete blood count, urinalysis, blood biochemistry, and coagulogram, skills in identifying the leading laboratory syndrome and constructing an algorithm for further diagnostic investigation);
- fluency in typical solutions within the framework of the higher education institution's curriculum for the academic discipline "Clinical Assessment of Laboratory Tests";
- mastery of the basic and additional literature recommended by the curriculum of the higher education institution for the academic discipline "Clinical Assessment of Laboratory Tests";
- ability to navigate the main theories, concepts, and trends in the academic discipline "Clinical Assessment of Laboratory Tests" and provide an analytical assessment of them;
- independent work in practical and laboratory classes, participation in group discussions, high level of task performance.

6 (six) points, passed:

- sufficiently complete and systematic knowledge within the scope of the higher education institution's curriculum in the academic discipline "Clinical Assessment of Laboratory Tests";
- use of the necessary scientific terminology, competent, logically correct presentation of answers to questions, ability to make generalizations and reasoned conclusions;
- mastery of the tools of the academic discipline "Clinical Assessment of Laboratory Tests," ability to use them in solving academic and professional tasks;
- ability to independently apply typical solutions within the framework of the higher education institution's curriculum for the academic discipline "Clinical Assessment of Laboratory Tests";
- mastery of the basic literature recommended by the curriculum of the higher education institution for the academic discipline "Clinical Assessment of Laboratory Tests";
- ability to navigate the basic theories, concepts, and trends in the academic discipline "Clinical Assessment of Laboratory Tests" and provide a comparative assessment of them;
- active independent work in practical and laboratory classes, periodic participation in group discussions, high level of task performance.

5 (five) points, passed:

- sufficient knowledge within the scope of the higher education institution's curriculum in the academic discipline "Clinical Assessment of Laboratory Tests";
- use of scientific terminology, competent, logically correct presentation of answers to questions, ability to draw conclusions;
- mastery of the tools of the academic discipline "Clinical Assessment of Laboratory Tests," ability to use them in solving academic and professional tasks;
- ability to independently apply typical solutions within the framework of the higher education institution's curriculum for the academic discipline "Clinical Assessment of Laboratory Tests";
- mastery of the basic literature recommended by the curriculum of the higher education institution for the academic discipline "Clinical Assessment of Laboratory Tests";
- ability to navigate the basic theories, concepts, and trends in the academic discipline "Clinical Assessment of Laboratory Tests" and provide a comparative assessment of them;
- independent work in practical and laboratory classes, partial participation in group discussions, sufficient level of task performance.

4 (four) points, passed:

- sufficient knowledge within the framework of the higher education standard;
- mastery of the main literature recommended by the curriculum of the higher education institution for the academic discipline "Clinical Assessment of Laboratory Tests";
- use of scientific terminology, logical presentation of answers to questions, ability to draw conclusions without significant errors;
- mastery of the tools of the academic discipline, ability to use them in solving standard (typical) problems;
- ability to solve standard (typical) problems under the guidance of a teacher;
- ability to navigate the main theories, concepts, and trends in the academic discipline "Clinical Assessment of Laboratory Tests" and evaluate them;
- working under the guidance of a teacher in practical and laboratory classes, acceptable level of task performance.

3 (three) points, failed:

- insufficient knowledge within the framework of the higher education standard;
- knowledge of part of the basic literature recommended by the curriculum of the higher education institution for the academic discipline "Clinical Assessment of Laboratory Tests";
- use of scientific terminology, presentation of answers to questions with significant logical errors;
- poor command of the tools of the academic discipline "Clinical Assessment of Laboratory Tests," incompetence in solving standard (typical) problems;
- inability to navigate the basic theories, concepts, and directions of the academic discipline "Clinical Assessment of Laboratory Tests";
- passivity in practical and laboratory classes, low level of task performance.

2 (two) points, failed:

- fragmentary knowledge within the framework of the educational standard of higher education;
- knowledge of individual literary sources recommended by the curriculum of the higher education institution for the academic discipline "Clinical Evaluation of Laboratory Studies";
- inability to use scientific terminology of the academic discipline "Clinical Evaluation of Laboratory Studies", presence of gross logical errors in the answer;
- passivity in practical and laboratory classes, low level of task performance.

1 (one) point, failed:

- lack of knowledge and (competencies) within the framework of the educational standard of higher education, refusal to answer, failure to attend the assessment without a valid reason.

KNOWLEDGE ASSESSMENT CRITERIA FOR TESTING

| Points | Assessment criteria and evaluation parameters |
|---------------|--|
| 1 | No answer or completion of up to 10% |
| 2 | Incomplete completion of tasks (correct answers – 11-20%). |
| 3 | Incomplete completion of tasks (correct answers – 21-30%). |
| 4 | Incomplete completion of tasks (correct answers – 31-40%). |
| 5 | Incomplete completion of tasks (correct answers – 41-50%). |
| 6 | Incomplete completion of tasks (correct answers – 51-60%). |
| 7 | Incomplete completion of tasks (correct answers – 61-70%). |
| 8 | Complete completion of tasks (correct answers – 71-80%). |
| 9 | Complete completion of tasks of the work (correct answers – 81-90%). |
| 10 | Complete completion of tasks (correct answers – 91-100%). |