

MEANS FOR CERTIFICATION
in the discipline «Organization of scientific research» for students entering
2022&2023 of the educational program of the specialist degree
in the specialty 31.05.03 DENTISTRY,
direction (profile) DENTISTRY,
form of study full-time
for the 2024-2025 academic year

Assessment tools for monitoring the level of competencies obtained.

The current assessment includes the following types of tasks: testing, abstracts and presentations, interview on control issues.

1. Sample Tests

Confirmation of the authenticity of an electronic document is carried out...

- a. using a password
- b. by scanning the author's signature or the institution's seal
- c. using a digital signature

An application program designed for browsing the internet is called ...

- a. Windows Commander
- b. Microsoft Word
- c. Microsoft PowerPoint
- d. Internet Explorer

Methods of dynamic medical research at the beginning of follow-up are:

- a. retrospective reports
- b. prospective projects
- c. bidirectional
- d. mixed services

Sampling units can be categorized by follows principals:

- a. variational
- b. typological
- c. absolute
- d. relative

The relative quantities should use for ...

- a. choosing a method of statistical analysis
- b. correct handling of data
- c. comparing two or more statistical groups
- d. choosing a method of observation

A contradictory situation that appears in the form of ambiguous positions in the explanation of any objects, processes and requires the creation of a theory to resolve it is ...

- a. scientific task
- b. scientific problem
- c. scientific work
- d. scientific direction

Timekeeping helps...

- a. choose your main strategic goals
- b. define criteria for formulating a goal
- c. identify your typical time sinks

2. Sample Topics.

1. Science, classification of sciences, the problem of classification of sciences.
2. Methodology of scientific research.
3. Methods of rational cognition in science.
4. Thinking, concepts, judgment, conclusions in science.
5. Scientific idea, hypothesis, law, paradox, theory, axiom.
6. Scientific experiment, methods of observation, comparison of measurements in science.
7. Generalization, abstraction, formalization, axiomatic methods in scientific research.
8. Analysis, synthesis induction, deduction, analogy, hypothetical methods in scientific research,
9. Historical method of science.
10. Empirical, experimental-theoretical and theoretical levels of scientific knowledge.

3. Interview Test Question Examples

1. What does medical statistics study?
2. What is a relative quantity?
3. What is a variational series?
4. What is a Median (Me) and a Mode (Mo)?
5. How is representativeness defined?
6. Definition of scientometrics?
7. Databases: definition and features?
8. What are the available sources of medical information?
9. What are the impact factor and h-index?
10. What are the main sources from which most of the research funding comes?

Assessment tools for Intermediate Discipline Qualification Intermediate certification is carried out in the form of credit.

Intermediate qualification includes the following types of tasks: testing.

1. Sample Tests

In Microsoft Word, before printing the document to the printer, to make sure that the text is placed correctly on the page, it is advisable to run the command ...

- a. "Preview"

- b. "Properties"
- c. "Font"
- d. "Close"

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The work containing the main results of the research conducted using scientific methods is ...

- a. literature review
- b. scientific article
- c. poster presentation

The Eisenhower matrix allows you to prioritize by evaluating all tasks according to criteria:

- a. importance
- b. regularity
- c. stiffness
- d. flexibility
- e. urgency

The full fund of assessment tools for the discipline is available at the link:
<https://elearning.volgmed.ru/course/view.php?id=7443>

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