

KAZAKH NATIONAL UNIVERSITY AL-FARABI  
Higher School of Economics and Business  
Department of Economics

**The program and methodological recommendations  
for the final exam on the subject «Methods of research in economics»**

Educational program in specialty «7M04102 - Economics»

Almaty 2020

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(prepared – full name, degree, position)

The program and methodical recommendations of the final examination on discipline «**Methods of research in economics**» were considered and recommended at the meeting of the Department of Economics "\_\_\_\_"  
\_\_\_\_\_ 2020, Protocol № \_\_\_\_\_

## **Introduction**

The final exam is conducted in the form of a test as a result of the knowledge acquired in 15 weeks.

Tasks are given on the following topics:

1. Research Methodology for Economics
2. Knowledge and truth status: Research and methods
3. Research process
4. Research process in Economic science
5. Defining the Research problem
6. Defining the Research problem. Searching the solution
7. Research Design in Economic Sciences
8. Research Design in Economic Sciences. Research methodology
9. Analysis the Research methodology
10. Introduction in Important Experimental Designs
11. Important Experimental Designs in Economic researches
12. Ethical and Legal Considerations in Counseling Research
13. Roles and Responsibilities of Researchers in the Counseling Profession

Students must be able to:

- to demonstrate knowledge of the categorical apparatus, apply scientific methods of cognition in research and teaching activities;
- to know the worldview, socially and personally significant problems of the methodology of economic research;
- to know the patterns of development of the methodology of economic research in relation to the events of economic life, economic history;
- to know philosophical and methodological foundations of various scientific schools;
- to use tools and methods of general scientific and special nature and their use in economic science.

### **Program questions on the discipline «Methods of research in economics»**

1. Methodology as a tool for economic research
2. Features of research methods in economic science
3. Observations as a method of cognition in economic science
4. Abstract and concrete in economic science
5. Analysis and analytical method: essence and purpose
6. Synthesis and synthetic method: essence and purpose
7. Interdisciplinary synthesis, "economic imperialism"
8. Induction as a method of cognition
9. Deduction as a method of knowledge

10. The method of unity of historical and logical
11. Axiom and axiomatic method of economic research
12. Analogy and the method of analogy in scientific research
13. Extrapolation as a research method
14. Method of forecasting in economic science
15. Modeling in economics
16. Business game as a way of modeling economic reality
17. Economic and mathematical modeling
18. Method of statistical research
19. Principles of Mercantilist Methodology
20. Principles of Physiocratic Methodology
21. Principles of the methodology of classical political economy
22. Features of the methodology of proletarian political economy
23. Principles of the methodology of the new political economy
24. Evolutionary theory of economic change

**EXAM FORM: ONLINE  
EXAMINATION - TEST  
PLATFORM: DLS MOODLE**

**Testing control** - online proctoring.

Proctoring technology (English "proctor" - to control the course of the exam). The proctors, as in the usual exam in the auditorium, make sure that the examinees pass the test honestly: they complete the assignments on their own and do not use additional materials. Both a specialist (full-time proctoring) and a program that controls the test examinee's desktop, the number of faces in the frame, extraneous sounds or voices, and even gaze movements (cyber proctoring) can follow the online exam in real time on a webcam. A type of mixed proctoring is often used: a video recording of an exam with program comments is additionally viewed by a person and decides whether violations have actually taken place.

**DURATION:** 60 MINUT

**NUMBER OF QUESTIONS:** 25 questions, 1 attempt

**EXAMINATION RULES**

1. The exam is held according to the schedule specified in the Univer system.
2. 30 minutes before the start, students must prepare for the exam in accordance with the requirements of the proctoring instruction
3. After opening the test, the student answers the questions in accordance with the principles of academic integrity and without violating the rules of the exam.
4. Test results can be revised based on proctoring results. If a student violated the rules for passing the test, his result will be canceled.

5. For a student who violates the requirements of the rules of final control (unauthorized use of auxiliary devices, cell phones, unexcused delays, etc.), the grade "F" is automatically set and the act of violation is filled out on a non-appeal basis. In this case, the student re-learns the subject on a paid basis.

6. Information on the violation of the rules of the final control is included in the transcript of the student.

7. For repeated violation of the rules, the student is expelled from the university on the recommendation of the Ethics Council of the faculty.

## **MOODLE TEST QUESTIONS HAVE SEVERAL BASIC TYPES OF QUESTIONS**

1. Multiple choice. Allows the selection of a single or multiple responses from a pre-defined list.

2. True/False. A simple form of multiple choice question with just the two choices 'True' and 'False'.

3. Matching. The answer to each of a number of sub-question must be selected from a list of possibilities.

4. Short answer. Allows a response of one or a few words that is graded by comparing against various model answers, which may contain wildcards.

## **EVALUATION POLICY**

1. Students who have scored more than 50 points on the results of intermediate control  $(RK1 + MT + RK2) / 3$  are admitted to the final control.

2. The maximum score of the final exam – 100 points.

3. Number of test questions per student: 25 questions, each – 4 points.

4. The final grade for the discipline is calculated by the following formula:  $(RK1 + MT + RK2) \times 0.2 + (FE \times 0.4)$ .

5. Students' academic achievements (knowledge, skills, abilities and competencies) are assessed on a 100-point scale, the numerical equivalent of the alphabetic system accepted in the relevant international practice (positive grades, decreasing from "A" to "D" (100-50) and "unsatisfactory" - "FX" (25-49), "F" (0-24), and the grade is given according to the traditional system. The grade "FX" is given only in the final exam.

6. In the case of receiving a grade of "F" (retake), the student has the right to retake the course (no more than three times). Retraining of disciplines is carried out on a paid basis.

## **REFERENCES:**

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