

Al-Faraby Kazakh National University
Higher School of Economics and Business
Department of Management

**PROGRAMM AND
MOTHDODOLOGICAL RECOMMENDATIONS FOR RUNNING OF
FINAL EXAM IN DISCIPLINE**

ORGANIZATION AND PLANNING OF SCIENTIFIC RESEARCH

EDUCATIONAL PROGRAM «Logistics», «State and Local government», " Finance "
«Accounting», Management, Marketing, Digital Economic, International Logistic,
Project Management, Innovation Management

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Lecturer: Adambekova A.A. d.e.s professor
Department of Management
(Ф.И.О., ученая степень, ученое звание, должность)

The program and methodological recommendations for the final exam in the discipline " Organization and planning of scientific research " were considered and approved at a meeting of the department " Management "

Protocol № 3 _ from «26 » September 2023

Introduction

Based on the results of training in 15 weeks, the final exam is carried out in the form of an oral exam. The exam is designed to test students' knowledge of the course, analytical skills and judgment on difficult issues and problem solving.

The process of passing an oral exam for a graduate student involves the creation of examination tickets, to which the graduate student must give an oral answer.

The exam is conducted in the form of an offline oral exam

Number of questions in tickets - 1 (evaluation criteria: argumentation of relevance - 25 points, confirmation by data - 25 points, novelty of an idea - 25 points, consistency of conclusions - 25 points).

Highest score - 100

The exam lasts 1 hour.

Exam schedule according to the schedule in the university system.

Examination control is carried out through the presence of an observer

Topics for which tasks will be composed:

1. Methodological foundations of scientific research
2. Search, collection and processing of the literature
3. The goal and tasks of scientific research. Construction of hypotheses
4. Formation of the steps of the research
- 5 Research methods and scientific approaches of their application
- 6 Quantitative methods in scientific research. Part 1
- 7 Quantitative methods in scientific research. Part 2
- 8 Mathematical statistical methods of data analysis. Part 1
- 9 Mathematical statistical methods of data analysis. Part 2
- 10 Quantitative expert methods
- 11 Qualitative research methods Part 1
- 12 Qualitative research methods Part 2
- 13 Qualitative expert research method
- 14 Construction of the research results

During the exam, students must be able to:

- demonstrate the acquired knowledge in the main categories of Scientific Research;
- describe an understanding of the general structure of the field of study and the links between theoretical foundations and modern practice of Scientific Research;
- analyze the forms of Scientific Research;
- use knowledge on the most important methods and instruments to conduct Scientific Research.
- answer will be graded according to “The RUBRICATOR FOR CRITERIAL ASSESSMENT OF FINAL CONTROL”

Program of Exam for Discipline

« Organization and planning of scientific research »

1. Name and describe the essence and types of scientific methods, guided by the objectives of your research
2. Name and describe methods and examples of their use that you plan to carry out related to the topic of your dissertation and research.
3. Name and describe the concept of scientific research, guided by the objectives of your research .
4. Name and describe the structure of scientific research, guided by the objectives of your research
5. Name and describe the main forms of scientific research, guided by the objectives of your research
6. Name and describe the concept and essence of scientific projects - forms, tasks and structure, guided by the objectives of your research
7. Name and describe basic forms and methods of research, guided by the objectives of your research
8. Name and describe the structure of the scientific work of your dissertation and research, guided by the objectives of your research
9. Name and describe the structure of a scientific dissertation, what scientific problems do you plan to consider in your future dissertation,
10. Name and describe the purpose and objectives that you plan to consider in your future thesis, guided by the objectives of your research
11. Name and describe a sample introduction to your future article, guided by the objectives of your research
12. Name and describe Brief description and structure of the scientific article, guided by the objectives of your research
13. Name and describe Features and application of quantitative research methods, guided by the objectives of your research
14. Name and describe Features and application of quantitative expert research methods, guided by the objectives of your research
15. Name and describe Important evidence and their forms for proving a scientific hypothesis, guided by the objectives of your research

16. Name and describe The novelty and relevance of scientific papers provide samples on the topic of your dissertation.
17. Name and describe Features and application of mathematical and statistical research methods, guided by the objectives of your research
18. Name and describe Features and application of qualitative research methods, guided by the objectives of your research
19. Name and describe methods of analysis of scientific problems on the topic of your dissertation and research.
20. Name and describe methods of review of reference literature on the topic of your dissertation and **research**.
21. Name and describe features and application of qualitative expert research methods, guided by the objectives of your research
22. **Name and describe** methods of **swot analysis** , guided by the objectives of your research
23. **Name and describe** methods of **interconnection of goals, objectives and research methods** , guided by the objectives of your research
24. Name and describe methods of drawing up conclusions based on the research results, guided by the objectives of your research
25. Name and describe object and subject of research, guided by the objectives of your research
26. **Name and describe** methods of **analysis of reports and articles of international organizations related to the** topic of your research (OECD, UN, World Bank, etc.)
27. Name and describe stages of research work that you plan to implement during your studies at the university.
28. Name and describe plan to experience practical testing and implementation of research results.
29. Name and describe a sample of a scientific article on the topic of your dissertation and research.
30. Name and describe samples of scientific opinions and proposals on the topic of your dissertation and research.
31. Name and describe methods of analysis of scientific information and sources that you come across in your **research work**.
32. Name and describe forms and samples of links, information sources and analytical information that you have already collected for the study, describe their content and importance for the study.
33. **Name and describe** methods of **the value of substantiation and argumentation of the relevance of the** research topic.

Recommended references for preparation to final exam:

1. Research Methods training Manual Compiled and Edited by Ran Greenstein Written by: Benjamin Roberts (HSRC) Ari Sitas (University of Natal) Ran Greenstein (University of the Witwatersrand), 2018
2. Ponomarev A, Pikuleva E. Methodology of scientific research. - Ed. 2nd, - Moscow: 2017.-185 p.
3. Korotkina A. Academic writing: process, product and practice Textbook for universities. 2018 - 50 p.
4. Kapterev A. Presentation Mastery: How to Create Presentations That Can Change the World - 2017
5. World Bank. Global Economic Prospects, June 2020 / <https://openknowledge.worldbank.org/handle/10986/33748>
6. Open knowledge repository of World Bank. Policy Research Working Papers, 2020 / <https://openknowledge.worldbank.org/handle/10986/9>
7. DEVELOPMENT PROGRAM OF NON-PROFIT JOINT STOCK COMPANY "KAZAKH NATIONAL UNIVERSITY NAMED AFTER AL-FARABI" FOR 2022 - 2026
8. The Law of the Republic of Kazakhstan "ENTREPRENEURIAL CODE OF THE REPUBLIC OF KAZAKHSTAN (with amendments and additions as of 09/12/2022)".
9. The Law of the Republic of Kazakhstan dated May 13, 2003 No. 415-II About Joint Stock Companies".
10. Message of the Head of State Kassym-Jomart Tokayev to the people of Kazakhstan. THE UNITY OF THE PEOPLE AND SYSTEMIC REFORMS ARE A STRONG BASIS FOR PROSPERITY OF THE COUNTRY. dated September 1, 2022
11. The state program of industrial and innovative development of the Republic of Kazakhstan, approved by Decree of the President of the Republic of Kazakhstan No. 874.
12. State program "Digital Kazakhstan"
13. The Law of the Republic of Kazakhstan "On the public service of the Republic of Kazakhstan» dated November 23, 2015 No. 416-V ZRK.
14. *Ability to Use Flexible Project Management in the Hotel Business* Turginbayeva, A., Nurseitova, G., Zhakupbekova, G., Doszhanov, K., Konysbay, A. E3S Web of Conferences, 2020, 159, 04009
15. *Modern Economic and Logistical Trends in Eurasia: How Do New Trans-Eurasian Mega-Projects Inflow to National Economic Growth* Audonin, A., Turginbayeva, A., Askerov, A., Yergobek, D. E3S Web of Conferences, 2020, 159, 06009
16. *Modelling of project success factors: A cross-cultural comparison* Kozhakhmetova, A., Zhidebekkyzy, A., Turginbayeva, A., Akhmetova, Z. Economics and Sociology, 2019, 12(2), cmp. 219–234
17. *Network platform of commercializing the results of R and D* Ilina, I., Zharova, E., Turginbayeva, A., Agamirova, E., Kamenskiy, A. International Journal of Civil Engineering and Technology, 2019, 10(1), cmp. 2647–2657
18. *Financing aspects of an effective strategy for innovative enterprise development* Turginbayeva, A., Ustemorov, A., Akhmetova, G., ...Imashev, A., Gimranova, G. Journal of Advanced Research in Law and Economics, 2018, 9(2), cmp. 714–720
19. *Topical issues of management in modern education and ways to solve them* Turginbayeva, A., Smagulova, G., Ashirbekova, L., Malikova, R. Proceedings of the 32nd International Business Information Management Association Conference, IBIMA 2018 - Vision 2020: Sustainable Economic Development and Application of Innovation Management from Regional expansion to Global Growth, 2018, cmp. 3643–3647
20. *Transformation of national model of small innovation business development* Sabden, O., Turginbayeva, A. Academy of Entrepreneurship Journal, 2017, 23(2), cmp. 1–14
21. Amankeldi N. Svyatov S., A. Adambekova The Realization of Academic Freedom as the Basis of Assurance of Higher Education Quality. IJEFI-EconJ - International Journal of Economics and Financial Issues (ISSN21464138-Turkey-Scopus), 2015.-№5, 80-88p ИФ-0,15 **Scopus indexed Journals**
22. Kazbekova K. Bohayev D. Adambekova A. Bank Risk Management in the Conditions of Financial System Instability. Entrepreneurship and sustainability issues // Entrepreneurship and sustainability issues, Вильнюс 2020, 7. – С.1599-1614

23. *SMALL FIRMS' CAPITAL STRUCTURE AND PERFORMANCE* Kokeyeva, S., Hájek, P., Adambekova, A. *Ikonomicheski Izsledvania*, 2022, 31(4), *cmp.* 128–144
24. <https://adilet.zan.kz/rus/docs/P2200000516>
25. Economic Review of the National Bank of the Republic of Kazakhstan
26. The journal "Bulletin of KazNU named after al-Farabi (economic series)"
27. The magazine "Kazakhstan Securities Market"
28. www.nationalbank.kz.
29. www.kase.kz

RUBRICTOR FOR CRITERIAL ASSESSMENT OF FINAL CONTROL

Discipline: “Organization and planning of scientific research.” Form: Written Exam. Platform: Univer

| Criteria/score | Descriptors | | | | |
|---|--|---|---|--|--|
| | Excellent | Good | Satisfactory | Unsatisfactory | |
| | 90–100 | 70–89 | 50–69 | 25–49 | 0–24 |
| Knowledge and understanding of course theory and concepts | An “excellent” grade is given for an answer that contains a comprehensive disclosure of all three questions (within the limits of acquired knowledge), a detailed argumentation for each conclusion and statement, is constructed logically and consistently, and is supported by examples from the developed classroom topics. | A “good” rating is given for an answer that contains a complete but not exhaustive coverage of all issues, an abbreviated argumentation of the main points, and allows for a violation of the logic and sequence of presentation of the material. The answer contains stylistic errors and inaccurate use of terms. | A “satisfactory” rating is given for an answer that contains incomplete coverage of the questions proposed in the ticket, superficially argues the main points, allows compositional imbalances in the presentation, violations of the logic and sequence of presentation of the material, and does not illustrate theoretical points with examples from the developed class notes. | Incorrect coverage of the questions posed, erroneous argumentation, factual and verbal errors, assumption of an incorrect conclusion. Ignorance of basic concepts, theories...; | Violation of the Rules for final control. |
| Application of the selected methodology and technology to specific practical tasks | Complete completion of the educational assignment, a detailed, reasoned answer to the question posed, followed by solving practical problems of the course; | Partial completion of the educational assignment, incomplete, sometimes reasoned answer to the question posed with an incomplete solution to the practical problems of the course; illiterate use of scientific language norms in the course; | The material is presented in fragments, in violation of logical sequence, factual and semantic inaccuracies are made, and theoretical knowledge of the course is used superficially. | An irrational method of solving a task or an insufficiently thought-out answer plan; inability to solve problems, perform tasks in general; making mistakes and omissions that exceeds the norm. | Inability to apply knowledge and algorithms to solve tasks; inability to draw conclusions and generalizations. Violation of the Rules for final control. |
| Evaluating and analyzing the applicability of the chosen methodology to the proposed practical task, justifying the result obtained | Consistent, logical and correct justification of scientific principles and the applied methodology and technology, literacy, compliance with the norms of scientific language, 1-2 inaccuracies in the presentation of the material are allowed that do not affect the generally correct conclusions (+ visualization of the results of the justification through graphical data). | 3-4 inaccuracies in the use of conceptual material, minor errors in generalizations and conclusions are allowed, which do not affect the good overall level of task completion. | Conclusions on the applicability of substantiated scientific provisions are vague and unconvincing; there are stylistic and grammatical errors, as well as inaccuracies in processing the results of a practical solution | The task was completed with gross errors, the answers to the questions were incomplete, the conceptual material and argumentation were poorly used. | The task has not been completed, there are no answers to the questions posed, materials and analysis tools have not been used. Violation of the Rules for Conducting Final Control |

