

*Federal State Autonomous Educational Institution of Higher Education «Peoples'
Friendship University of Russia»*

Faculty of Economics

Department of National Economy

Recommended by ISSC

**PROGRAM
OF THE FINAL STATE ATTESTATION**

Recommended for the direction of study 38.06.01 - Economics

**The focus of the program (profile) 08.00.05 Economics and management of
the national economy**

Qualification

Researcher. Teacher-researcher.

1. General provisions

1.1. Responsibility and the procedure for the preparation and conduct of state final tests at RUDN University, as well as the list, sequence, terms of passage of documents required for the implementation of state final attestation between structural divisions determines the Procedure for the final state attestation of graduate students.

1.2. State final certification for the profile 08.00.05 "Economics and management of the national economy" direction 38.06.01 "Economics" includes the state exam (SE) and the defense of scientific qualification work (SQW) in the form of a scientific report on the main results of the prepared scientific qualification work (dissertation).

1.3. The results of any of the types of attestation tests included in the state final attestation are determined by grades "excellent", "good", "satisfactory", "unsatisfactory".

2. Goals and objectives of the state final certification

2.1. The purpose of the state final certification is to determine the compliance of the results of mastering the basic educational programs with the requirements of OS VO RUDN / FGOS HE qualification work (SQW).

- 1.1. The tasks of the state final certification are:

- - checking the quality of teaching a person to the basic natural science laws and phenomena necessary in professional activity;
- - determining the level of theoretical and practical preparedness of a graduate to perform professional tasks in accordance with the qualifications obtained; establishing the degree of a person's aspiration for self-development, improving their qualifications and skills;
- - checking the formation of stable motivation for professional activity in accordance with the types of professional activities provided for by the OS VO RUDN / FGOS VO;
- - checking the ability to find organizational - management decisions in non-standard situations and the willingness to take responsibility for them;
- - ensuring the integration of education and scientific and technical activities, increasing the efficiency of using scientific and technological achievements, reforming the scientific sphere and stimulating innovation;
- - ensuring the quality of training in accordance with the requirements of OS VO RUDN / FGOS VO.

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- 2. State examination program.

- 2.1. This state exam is a written exam conducted on approved tickets and a postgraduate student's report on his published works and their discussion by members of the State Commission.

- 2.2. As part of the state exam, the degree of development of graduates of the following competencies is checked:

- Universal:

- - the ability to critically analyze and evaluate modern scientific achievements, generate new ideas when solving research and practical problems, including in interdisciplinary areas (UK-1);
- - the ability to design and carry out complex research, including interdisciplinary, based on a holistic systemic scientific worldview using knowledge in the field of history and philosophy of science (UK-2); { { 1 } }
- - willingness to participate in the work of Russian and international research teams to solve scientific and scientific and educational problems (UK-3);
- willingness to use modern methods and technologies of scientific communication in the state and foreign languages (UK -4);
- - the ability to follow ethical standards in professional activity (UK-5);

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- - the ability to plan and solve problems of one's own military professional and personal development (UK-6).

- General professional:

- the ability to independently carry out research activities in the relevant professional field using modern research methods and information and communication technologies (OPK-1);
- - the willingness to organize the work of the research team in the scientific industry corresponding to the direction of training (OPK-2);
- the willingness to teach in educational programs of higher education (OPK-3).
- profile "Economics and National Economy Management" - 08.00.05:
- - the ability to study economic systems, their genesis, formation, development and forecasting (PC-2.1);

- the skills of identifying theoretical and methodological principles, methods and ways of managing these systems, as well as the most important institutional and infrastructural aspects of the development of economic systems (PC-2.2);

- the ability to study the state, develop and implement in practice methodological tools for improving management relations arising in the process of formation, development (stabilization) and destruction of economic systems (PC-2.3).

Competencies	List of Competencies
YK-1	<p>Know the basic laws and stages of the historical dynamics of science, the mechanisms of the relationship between philosophy and science, both science in general and economic sciences in particular; basic concepts of philosophy of science, philosophical foundations and philosophical and methodological problems of science in general, and economic sciences in particular</p> <p>Possess the theory and methodology of scientific research</p> <p>Be able to carry out a philosophical and methodological analysis of the value sides professional activity</p>
YK-2	<p>Know the essence of science, the structure of scientific knowledge and the dynamics of its development, the mechanisms of generating new knowledge; historical and philosophical foundations of science in general, and economic sciences in particular</p> <p>Possess planning technologies in professional activities in the field of scientific research</p> <p>Be able to substantiate the choice of a research topic, set its goals and objectives, formulate a problem, choose and apply to your research subject</p>
YK-3	<p>Know the specific characteristics of the scientific style of speech</p> <p>Possess the terminology inherent in the system of the studied science in the state and foreign languages; skills and abilities of business and scientific writing, skills and abilities of oral scientific speech in the state and foreign languages; skills of participation in the work of Russian and international research teams in solving scientific and scientific and educational problems</p> <p>Be able to take part in discussions of a scientific and socio-political nature</p>
YK-4	<p>Know the basic norms of word use of modern Russian and foreign languages; design rules applied to various genres of written scientific speech of scientific speech in the state and foreign languages</p> <p>Possess the theory and methodology of scientific research</p> <p>Write down the texts of speeches, reports, abstracts, author's abstract and thesis in the state and foreign languages</p>
YK-5	<p>Know the philosophical foundations and philosophical and methodological problems of economic sciences, philosophical and methodological problems of the development of economic systems</p> <p>Own the theory and methodology of scientific research; ways to identify and assess individual, personal, professionally significant qualities and ways to achieve a higher level of their development</p> <p>To be able to carry out a philosophical and methodological analysis of the epistemological and value aspects of professional activity</p>

YK-6	<p>Know the features and methods of implementation in solving professional problems, based on the stages of career growth and the requirements of the labor market</p> <p>Own methods of identifying and evaluating individual, personal, professionally significant qualities and ways to achieve a higher level of their development</p> <p>To be able to set and solve problems in the field of their professional competence, independently formulate subject-scientific and methodological problems, put forward hypotheses for their solution and analyze them, make personal choices in various professional and moral-value situations, evaluate the consequences of the decision made and bear responsibility for it in front of yourself and society</p>
ОПК-1	<p>Know the regulatory legal acts, methodological materials on the organization of production management and production planning</p> <p>Possess the skills of using the regulatory and methodological base for planning and conducting economic analysis of production and economic activities of enterprises</p> <p>Be able to analyze and select regulatory and legal documentation; use modern information databases and technical tools for searching and analyzing regulatory documents</p>
ОПК-2	<p>Know the domestic and foreign experience of rational organization of the enterprise's production activities in the modern economy</p> <p>Have the skills to identify effective directions for the development of production units of the enterprise, taking into account their features and positions of social significance, skills of professional argumentation in the process of making organizational managerial decisions</p> <p>Be able to make optimal and balanced organizational and managerial decisions from the standpoint of their social significance, assess the effectiveness of individual business processes and the effectiveness of managerial decisions</p>
ОПК-3	<p>Know: trends in the development of the world pedagogical process, especially the current stage of development of education in the world</p> <p>Possess: modern research approaches to the study of the pedagogical process and the events of its components; skills in presenting the results of research and scientific methodological work; methods of orientation in professional sources of information</p> <p>Be able to: critically evaluate and apply conceptual interpretations of pedagogical and psychological phenomena in research practice; systematically analyze and select educational concepts; make optimal organizational and managerial decisions in their area of responsibility and taking into account the rational delegation of powers</p>
ПК-2.1	<p>Know the logic of the formation and development of economic science, the structure of modern economic and theoretical knowledge, the principles of decision-making in the field of economic management; theoretical foundations and regularities of the functioning of the national economy; methods of studying economics</p> <p>Possess the methods of carrying out scientific research in the field of economics, organization and management of enterprises, industries, complexes in solving problems of the formation and development of economic relations arising in the process of development of the national economy, the functioning of economic systems and institutional transformations in a market economy, taking into account the globalization of economic processes in industries; methodology for studying</p>

	<p>problems in the field of economics, organization and management of enterprises, industries, complexes in the formation and development of the theory and practice of management of socio-economic systems</p> <p>Be able to evaluate economic ideas and economic and political doctrines, formulate scientific hypotheses and test them</p>
ПК-2.2	<p>Know the principles of a systematic approach to the study of the object of research;</p> <p>by the farm; methods of studying economics; principles of modeling phenomena and processes</p> <p>Possess methods for determining the economic efficiency of national economy management, measures to improve the efficiency of the functioning of the national economy</p> <p>Be able to identify problems of an economic nature when analyzing specific situations on the market, distinguish them from problems of a legal nature</p>
ПК-2.3	<p>Know the current trends and foundations of the development of organizational and economic forms of management</p> <p>Possess the skills of planning, formation, analysis and practical application of methods, means and methods and interpretation of data from domestic and foreign statistics on socio-economic processes - and phenomena, analyze the trends of change socio-economic processes and indicators</p> <p>Be able to plan, organize and manage the flows of material, financial, labor economic systems in order to rationalize them; improve management methods, state regulation and planning of activities of enterprises, complexes, industries, predict scenarios for the development of economic systems</p>

1.1. Content of the state exam:

1. The graduate student must know the methods of research activities:

2. methods of critical analysis and evaluation of modern scientific achievements, as well as methods of generating new ideas in solving research and practical problems;

3. the content of the process of goal-setting of professional and personal development, its features and methods of implementation in solving professional problems, based on the stages of career growth and the requirements of the labor market.

4. To be able to analyze alternative ways of solving research and practical problems and assess the risks of their implementation:

5. analyze alternative options for solving research and practical problems and evaluate the potential gains / losses of the implementation of these options;

6. when solving research and practical problems, generate new ideas that can be operationalized based on available resources and limitations - to identify promising areas of scientific research, substantiate

the relevance, theoretical and practical significance of the problem under study, formulate hypotheses, conduct empirical and applied research

7. follow the basic norms accepted in scientific communication, taking into account international experience - to carry out quantitative forecasting and modeling of business process management.

8. Own technologies for assessing the results of activities to solve professional problems:

9. skills of critical analysis and assessment of modern scientific achievements and results of activities in solving research and practical problems, including in interdisciplinary areas, skills of independent scientific and research work,

10. skills of critical assessment of the effectiveness of various methods and technologies of scientific communication in the state and foreign languages,

11. ways of identifying and assessing individual, personal, professionally significant qualities and ways to achieve a higher level of their development with the skills of quantitative and qualitative analysis for making management decisions; methodology for constructing organizational and management models.

12. Own technologies for planning professional activities

13. State examination scope:

14. 20 tickets have been prepared for the GIA. The ticket provides 3 theoretical questions within the content of the working programs of the disciplines of the curriculum for the preparation of graduate students in the direction 38.06.01 "Economics". Postgraduate students are preparing for the passing of the GIA in accordance with this program.

15. At least 45-50 minutes are allocated to prepare for the answer to the state exam, the graduate student uses examination sheets in the preparation process, which, with the appropriate answers, are handed over to the members of the commission and are stored for one year. During the exam, the use of reference materials, educational and scientific literature, lecture notes, electronic devices is not allowed. If the rules are violated, the graduate student is removed from the exam and he is given an "unsatisfactory" mark.

16. The state exam is passed orally. In the process of passing the exam, members of the State Examination Commission have the right to ask the graduate student questions as part of the ticket questions.

17. The results of the state exam are announced to the graduate student on the day of delivery and are drawn up by the appropriate protocol, which reflects the questions of the ticket and additional questions.

The list of exam questions (topics of discussion) for the profile of training 08. 00. 05

- "Economics and management of the national economy" (economics, organization and management of enterprises, industries, complexes - industry)

1. Classical management theory: scientific management - F.V. Taylor, F. Gilbert, H. Emerson; organization theory - H. Fayol, A.S. Reilly, L. Urwick; theory of bureaucracy - M. Weber. G. Simon's theory of administrative behavior.

2. Product quality management systems. The functions of the product quality management system. Features of product quality management in individual industrial complexes (branches).

3. Methodology and organization of the management decision development process. Simulation of situations

- and development of management decisions in conditions of uncertainty and risk.
4. Goals, objectives and features of the management of corporate structures in the industry. Modern approaches to assessing the quality of corporate governance.
 5. The main types and features of corporations. The role and place of strategic alliances in industry.
 6. Preconditions, features and types of economic crises. Diagnostics of the crisis state of the enterprise.
7. Causes and factors of anti-crisis management. organizations.
the need for crisis management. Mechanisms Anti-crisis management methods in industrial
8. Models of the formation of costs in financial and management accounting. Cost calculation and analysis systems; features of accounting for tax and equivalent costs in an industrial enterprise.
 9. The essence and role of financial and economic analysis in the management system of industrial systems (enterprise, corporation, industry, complex).
10. Basic methods of economic analysis. The system of indicators for assessing the financial condition of the enterprise. Criteria for assessing the financial condition of an industrial enterprise.
 11. The essence and role of finance and credit in the management of industrial development.
 12. Working capital of enterprises, the system of their financing and crediting.
 13. Financial planning and budgeting in the enterprise management system.
 14. Industrial complexes development strategies: concepts and policies of formation, conditions for development and implementation.
 15. Principles and methods of forming long-term strategies for the development of industrial enterprises, industries and complexes.
 16. Formation of export-oriented strategies for foreign economic activity of industrial enterprises: factors and mechanisms of development and implementation.
 17. Principles of specialization and location of industrial enterprises.
 18. The essence and role of planning in the management system of enterprises, industries, complexes.
 19. Methodological foundations of intra-firm planning. System of plans industrial enterprise.
 20. The system of long-term and short-term planning of the enterprise: goals, indicators, planning procedure.
 21. Features of planning and accounting for the production and sale of products of the enterprise.
 22. Modern systems for planning the cost of production. Calculation of the cost of production.
 23. Features of intra-firm planning in complex corporate structures.
 24. Business plan and organizational and economic mechanism for project implementation.
 25. Internationalization of the activities of industrial enterprises in the context of the globalization of the world economy. Development of organizational forms of international business. Problems of international cooperation of industrial enterprises.
 26. Innovation process: stages, essence, content, trends. Features of innovation management.
 27. The innovative potential of the organization: the essence, the procedure for determining,
 28. Investments and capital investments, their composition, classification.
 29. Investment project: concept, classification and stages of implementation.
 30. Investment policy of the state and private business: economic content, similarities and differences, implementation mechanisms.
 31. Sources of investment financing.
 32. Leasing as a method of financing fixed capital: economic content and types.
 33. Principles of design and functioning of logistics systems at micro, meso and macro levels; defining the purpose and criteria for evaluating systems.
 34. The essence of procurement logistics.
 35. Inventory management strategies and procurement arrangements.
 36. Product distribution logistics systems. Warehouse logistics.
 37. Institutional changes in industry, taking into account current trends. State management of structural changes in industry.
 38. Forms and methods of forming corporate entities in the Russian economy in the context of globalization of the world economy.
 40. Integrated corporate structures: goals and objectives of creation, management features.

Diversification of vertically and horizontally integrated economic structures.

41. Problems of organizing inter-industry ties in industry. Organizational and economic aspects of the formation and management of territorial-production complexes.

42. Problems of reorganization and restructuring of industries and industrial enterprises.

43. Cluster policy for the development of industrial sectors and regions: the concept and practice of cluster formation in Russia.

44. Concepts and basic elements of the formation of a national industrial policy in Russia. Modern industrial policy in Russia.

45. Methodology for economic and management analysis and identification of problem areas for the development of industrial sectors and complexes in Russia.

46. Monopoly and competition in the Russian economy.

47. Features of the analysis of the potential of industrial sectors and complexes in the context of globalization and regionalization of world markets.

48. Formation of high-tech industrial clusters in Russia: goals, concepts, legal basis, methodological foundations and risks.

49. Direct and indirect price regulation in Russia.

50. Public administration and state regulation of industrial systems.

51. Characteristics of the current state of industrial production in Russia: but the forms of ownership and levels of subordination, size and organizational and legal forms, indicators of production development and efficiency.

52. Division of labor and the formation of a modern sectoral structure of industry: factors, indicators, dynamics.

53. Criteria for changing the progressiveness of industries and "dilution" of the industry structure. The current classification of types of economic activity in Russia (OKVED-2).

55. Sectoral structure of heavy industry in Russia, characteristics of its development. Composition of the national fuel and energy complex (FEC). Technical and economic features of the extractive industry.

56. Machine-building complex of the Russian Federation, its structure and role in the development of the country's economy.

57. Features and level of development of enterprises and branches of light industry.

The list of exam questions (topics of discussion) for the profile of training 08.00.05
- "Economics and management of ceremonial facilities" (business economics)

1. Joint-stock form of business, General and differences between public and non-public joint stock companies.
2. Antimonopoly legislation, control over its implementation.
3. Business planning of company development projects. Business plan as a substantiation of the company's development prospects.
4. Business triad as an organizational basis for network business. Network forms of interaction between business structures.
5. Venture capital in the innovation management system as an alternative source of new business financing
6. State regulation and support of entrepreneurial activity: essence, principles, forms and methods.
7. Information, organizational and financial infrastructure of business structures. The role of the financial market in the development of entrepreneurship.
8. Infrastructure of Russian business, electronic reference legal information systems, prospects for their development.
9. The history of the development of forms of entrepreneurship. Individual entrepreneurship. Forms of collective entrepreneurship.
10. Classification characteristics of corporations, their features in the Russian economy. Strategic goals and advantages of creating integrated corporate structures.
11. Competition as a type of relationship between business structures. Forms of modern competition and their impact on entrepreneurial activity. Restriction of unfair competition.
12. Conflicts between society and corporation. Ways to resolve them.
13. Development methodology and organization of market conditions in the business system. The concept of critical resources that ensure the competitiveness of the firm.
14. Corporate governance models and their role in shaping the organizational culture of entrepreneurship.
15. Intellectual property objects. Patentable intellectual property.
16. Organizational and managerial component of entrepreneurship, entrepreneur and manager. Innovative management style.
17. Organizational and economic essence of the development of interaction between the interests of small and large businesses. Forms of interaction between small and large businesses to promote their products on the market. Contracting relations of large and small businesses in Russia.
18. The main organizational and legal forms of entrepreneurial structures provided for by the Civil Code of the Russian Federation. Ownership relations in business.
19. The main functions of property, their implementation in management.
20. Features of the organization and problems of development of public-private entrepreneurship in Russia.
21. Offshore business in the system of modern entrepreneurship.
22. Assessment of property value in the company management system.
23. The concept and content of entrepreneurship. Objects and subjects of innovation. Classification of entrepreneurship. Entrepreneurship development incentive system.
24. Concept and essence of the corporate business environment.
25. The concept of business support infrastructure and its basic elements.
26. The concept of entrepreneurial income, the essence of the risk premium.
27. The concept of risk and uncertainty. Classification of business risks. Tools and directions for forming a risk management system in the field of entrepreneurship.
28. The practice of government interference in the activities of business structures in foreign countries.
29. Entrepreneurial culture, its main elements and defining parameters.
30. Entrepreneurial ethics: essence, types and its reflection in the mission of the company. Business and professional ethics.

11. Problems of government interference in the activities of Russian corporations. Conflicts between society and corporation. Ways to form mutually beneficial relationships between business and society.

12. Division of enterprises by the scale of entrepreneurial activity into large, medium and small. Small business. Criteria for classifying firms as small businesses. State policy for the development of small business.

13. Development and adoption of management decisions in business structures. Classification of management decisions.

14. Development of a policy for the development of entrepreneurship. Combination of methods of state regulation (at the federal, regional and local levels) and the market mechanism of self-regulation.

15. Russian model of corporate governance, characteristic features.

16. The system of state control of entrepreneurial activity in Russia. Customs regulation, currency control, non-tariff regulation of business.

17. Property as an economic and legal category in Russia.

18. The composition of the constituent documents and the procedure for state registration of entrepreneurial structures in Russia. The system of state control of entrepreneurial activity in Russia.

19. State and prospects for the development of intercountry, national and regional systems of entrepreneurship.

20. The social role of business: essence and ways of expression. Corporate social responsibility.

21. The structure of the marketing activity program and the procedure for its development. Forecasting and research of the market for goods and services.

22. Essence and approaches to assessing business performance. The concept of production, investment and financial efficiency of entrepreneurial activity.

23. The essence of the business environment, its impact on the development of entrepreneurship. Characteristics of the internal and external business environment.

24. Theories of entrepreneurship and the specifics of entrepreneurship in Russia.

25. Conditions, directions and types of innovative activity.

26. Factors of direct and indirect impact on the functioning of the firm.

27. Factors determining the choice of the optimal form for doing business. Selection of the most effective organizational and legal form and field of activity.

Financial stability, solvency, business activity and profitability of the organization: concept and indicators of assessment.

11. Financial and industrial groups (FIG) and their distinctive features. The role and tasks of the state in the field of regulation of the activities of financial and industrial groups.

12. The firm as a whole, consisting of interdependent parts.

13. Forms of sectoral analysis of business structures.

14. Franchising as a special type of entrepreneurial activity: advantages and disadvantages. Development of franchising in Russia.

15. Characteristics of an entrepreneur from the point of view of an economist, psychologist, other entrepreneur, politician. The economic component of entrepreneurship.

16. The goals and functions of entrepreneurship. Business organization principles.

17. Human capital as an object of business social responsibility. Impact of social investment on national economic development strategies.

Methodical recommendations for preparation and passing of the final state exam

4.1. General Provisions

State final attestation of a postgraduate student is mandatory and is carried out after the completion of the postgraduate educational program in full. It includes the preparation and passing of the state exam, presentation and defense of a scientific report on the main results of the prepared scientific and qualification work (dissertation). Based on the results of the

submission of a scientific report on the main results of the prepared scientific and qualification work (dissertation), a conclusion is issued in the prescribed form.

Preparation for the state exam should be carried out in accordance with the state exam program. Students are offered a list of questions to be submitted for the state exam. They need to familiarize themselves with it and take into account its provisions. In the process of preparing for the state exam, one should rely on the scientific and educational literature recommended for these purposes: basic and additional.

The schedule of state final certification includes information on the date of each type of state final certification (including state exam), venue (audience). When drawing up the schedule, the following is taken into account: - the date of the state examination must correspond to the week stipulated for the SIA in the schedule of the educational process

The schedule of state final certification (including state exams) is made by a specialist of the postgraduate study department of the Faculty of Economics based on the schedule of the educational process for the current academic year.

4.2. Additional recommendations

For successful passing of the state exam (GS), it is recommended to attend lectures on the main disciplines of the department - "Economics of the enterprise", "Economics of industrial markets", "Crisis management", etc., conducted by the department, as well as to familiarize yourself with the literature presented in this program.

In preparation for the ET, the applicant can check his basic knowledge in the Mentor system in such disciplines as "Economic theory", "Enterprise Economics",

"Logistics", "Economics of industrial markets" and others.

The use of computers, auxiliary printed materials is not provided for at the SE.

4. Evaluation tools designed to establish, during certification tests, the compliance / non-compliance of the level of training of graduates who have completed the development of EP VO in the direction of training, the requirements of the corresponding OS VO RUDN / FGOS VO.

meetings of the examination committee for the state examination. The decision is taken at a closed meeting by a simple majority of votes of the members of the commission participating in the meeting, with the obligatory presence of the chairman of the commission or his deputy. With an equal number of votes, the chairman of the commission (or his substitute deputy chairman of the commission) has a decisive vote.

During the state examination, the following are revealed: knowledge of the educational material of the subject, the ability to highlight the essential provisions of the subject, the ability to formulate conclusions and substantiate their hypotheses, the ability to apply knowledge to analyze specific economic situations and problems, the general and professional language of the answer.

The results of the decision of the state examination commission are determined by grades "excellent", "good", "satisfactory", "unsatisfactory", and also points and grades in accordance with the ECTS credit-module assessment system.

The mark "excellent" (A (5+) or B (S)) is given to a graduate student who has shown comprehensive and deep theoretical knowledge and practical skills that fully meet the requirements for the level of training of a graduate who has shown creativity in understanding, presentation and use of educational material in solving professional problems, which confirmed the full development of competencies.

A grade of "good" C (4) is given to a graduate student who has shown theoretical knowledge and practical skills, in general, meeting the requirements for the level of training of a graduate who has found a stable the nature of knowledge and skills, the ability to independently replenish and update them in the course of solving professional problems, which generally confirmed the development of competencies.

The grade "satisfactory" (D (3+) or E (3)) is given to a graduate student who has shown a level theoretical knowledge and practical skills in the minimum amount necessary for solving professional problems, who made inaccuracies in the answers, testifying about the need for adjustment by the examiner, who confirmed the mastery of competencies at an acceptable level.

Grade "unsatisfactory" (FX (2+) or F (2)) who found significant gaps in knowledge of the basic

is given an educational to a graduate student, material

who made fundamental mistakes in the application of knowledge that do not allow him to start

solving professional problems without additional training, who did not confirm mastering competencies.

A post-graduate student who has received an unsatisfactory mark for the state examination is not allowed to defend the final qualifying work.

Evaluation means are presented in the form of a fund of evaluation means for the final (state final) certification, namely:

Within the framework of the state examination, the degree of development of graduates of the following competencies is checked:

Universal: {{ 1 }} the ability to critically analyze and evaluate modern scientific achievements, generate new ideas when solving research and practical problems, including in interdisciplinary areas (UK-1);

- the ability to design and carry out complex research, including interdisciplinary, based on a holistic systemic scientific worldview using knowledge in the field of history and philosophy of science (UK-2);

- willingness to participate in the work of Russian and international research teams to solve scientific and scientific and educational problems (UK- 3);

readiness to use modern methods and technologies of scientific communication in the state and foreign languages (UK-4);

- ability I follow ethical standards in professional activity (CC - 5);

- the ability to plan and solve problems of my own professional and {{1 }} personal development (UK-6).

General professional:

- the ability to independently carry out research activities in the relevant professional field using modern research methods and information and communication technologies (OPK-1);

- the willingness to organize the work of the research team in the scientific industry corresponding to the direction of training (OPK-2) ;

readiness for teaching activities in educational programs of higher education (OPK-3).

in the profile "Economics and management of the national economy" - 08.00.05:

- the ability to study economic systems, their genesis, formation, development and forecasting (PC-2.1);

- the skills of identifying theoretical and methodological principles, methods and ways of managing these systems, as well as the most important institutional and infrastructural aspects of the development of economic systems (PC-2.2) ;

- the ability to study the state, develop and implement in practice methodological tools for improving management nichny relations arising in the process of formation, development (stabilization) and destruction of economic systems (PC-2.3).

Valuation funds are presented in the form of an evaluation fund for the final (state final) certification, namely:

Competence	List of Competencies	1	2	3	4	5
YK-1	<p>Know the basic laws and stages of the historical dynamics of science, the mechanisms of the relationship between philosophy and science, both science in general and economic sciences in particular; basic concepts of philosophy of science, philosophical foundations and philosophical methodological problems of science in general, and economic sciences in particular</p> <p>Possess the theory and methodology of scientific research</p> <p>Be able to carry out a philosophical and methodological analysis of the value aspects of professional activities</p>	Lack of knowledge, skills, abilities	Fragmentary knowledge; Fragmented application of skills; Partially mastered skill	General but not structured knowledge; Successful but not systematic application of skills; Successful but not systematically exercised skill	Substantial, but containing separate knowledge gaps; Successful but gaps in skill application; Overall successful but gaps in skill	Formed systematic knowledge; Successful and systematic application of skills
YK-2	<p>Know the essence of science, the structure of scientific knowledge and the dynamics of its development, the mechanisms of generating new knowledge; historical and philosophical foundations of science in general, and economic sciences in particular</p> <p>Possess planning technologies in professional activities in the field of scientific research</p> <p>Be able to substantiate the choice of a research topic, set its goals and objectives, formulate a problem, choose and apply to the subject of your research</p>	Lack of knowledge, skills, abilities	Fragmentary knowledge; Fragmented application of skills; Partially mastered skill	General but not structured knowledge; Successful but not systematic application of skills; Successful but not systematically exercised skill	Substantial, but containing separate knowledge gaps; Successful but gaps in skill application; Overall successful but gaps in skill	Formed systematic knowledge; Successful and systematic application of skills

YK-3	<p>Know the specific characteristics of the scientific style of speech</p> <p>Possess the terminology inherent in the system of the studied science in the state and foreign languages; skills and abilities of business and scientific writing, skills and abilities of speech in the state and foreign languages; skills of participation in the work of Russian and international research teams in solving scientific and scientific and educational problems</p> <p>Be able to take part in discussions of a scientific and socio-political nature</p>	Lack of knowledge, skills, abilities	Fragmentary knowledge; Fragmented application of skills; Partially mastered skill	General but not structured knowledge; Successful but not systematic application of skills; Successful but not systematically exercised skill	Substantial, but containing separate knowledge gaps; Successful but gaps in skill application; Overall successful but gaps in skill	Formed systematic knowledge; Successful and systematic application of skills
YK-4	<p>Know the basic norms of word use of modern Russian and foreign languages; design rules applied to various genres of written scientific speech of scientific speech in the state and foreign languages</p> <p>Possess the theory and methodology of scientific research; ways to identify and assess individual, personal, professionally significant qualities and ways to achieve a higher level of their development</p> <p>Be able to write the texts of speeches, reports, abstracts, abstract and dissertation in the state and foreign languages</p>	Lack of knowledge, skills, abilities	Fragmentary knowledge; Fragmented application of skills; Partially mastered skill	General but not structured knowledge; Successful but not systematic application of skills; Successful but not systematically exercised skill	Substantial, but containing separate knowledge gaps; Successful but gaps in skill application; Overall successful but gaps in skill	Formed systematic knowledge; Successful and systematic application of skills

YK-5	<p>Know the philosophical foundations and philosophical methodological problems of economic sciences, philosophical and methodological problems of the development of economic systems</p> <p>Own the theory and methodology of scientific research; ways of identifying and assessing individual, personal, professionally significant qualities and ways to achieve a higher level of their development</p> <p>Carry out a methodological analysis of the epistemological and value aspects of professional activity</p>	Lack of knowledge, skills, abilities	Fragmentary knowledge; Fragmented application of skills; Partially mastered skill	General but not structured knowledge; Successful but not systematic application of skills; Successful but not systematically exercised skill	Substantial, but containing separate knowledge gaps; Successful but gaps in skill application; Overall successful but gaps in skill	Formed systematic knowledge; Successful and systematic application of skills
YK-6	<p>To know the features and methods of implementation in solving professional problems, based on the stages of career growth and the requirements of the labor market</p> <p>Own methods of identifying and evaluating individual, personal, professionally significant qualities and ways to achieve a higher level of their development</p> <p>To be able to set and solve problems in the field of their professional competence, independently formulate substantive scientific and methodological problems, put forward hypotheses for their solution and analyze them, make personal choices in various professional and moral-value situations, evaluate the consequences of the decision made and bear responsibility towards ourselves and society</p>	Lack of knowledge, skills, abilities	Fragmentary knowledge; Fragmented application of skills; Partially mastered skill	General but not structured knowledge; Successful but not systematic application of skills; Successful but not systematically exercised skill	Substantial, but containing separate knowledge gaps; Successful but gaps in skill application; Overall successful but gaps in skill	Formed systematic knowledge; Successful and systematic application of skills

ОПК-1	<p>Know the regulations, methodological materials on the organization of production management and production planning</p> <p>Have the skills to use the normative methodological framework for planning and conducting economic analysis of production and economic activities of enterprises.</p> <p>Be able to analyze and select legal and regulatory documents; use modern information databases and technical means for searching and analyzing regulatory documents</p>	Lack of knowledge, skills, abilities	Fragmentary knowledge; Fragmented application of skills; Partially mastered skill	General but not structured knowledge; Successful but not systematic application of skills; Successful but not systematically exercised skill	Substantial, but containing separate knowledge gaps; Successful but gaps in skill application; Overall successful but gaps in skill	Formed systematic knowledge; Successful and systematic application of skills
ОПК-2	<p>Know the domestic and foreign experience of the rational organization of the production activity of the enterprise in the conditions of the modern economy</p> <p>Possess the skills of identifying effective directions for the development of production units of the enterprise, taking into account their characteristics and positions of social significance, the skills of professional argumentation in the process of making organizational and managerial decisions. To be able to make optimal and balanced organizational and managerial decisions from the standpoint of their social significance, assess the effectiveness of individual business processes and the effectiveness of managerial decisions</p>	Lack of knowledge, skills, abilities	Fragmentary knowledge; Fragmented application of skills; Partially mastered skill	General but not structured knowledge; Successful but not systematic application of skills; Successful but not systematically exercised skill	Substantial, but containing separate knowledge gaps; Successful but gaps in skill application; Overall successful but gaps in skill	Formed systematic knowledge; Successful and systematic application of skills

ОПК-3	<p>Know the tendencies of the development of the world pedagogical process, the peculiarities of the modern stage of development of education Own: modern research pedagogical General, but not separate processes and events of its components; skills in presenting the results of research and scientific-methodological work; methods of orientation in professional sources of information Be able to: critically evaluate and apply in</p>	Lack of knowledge, skills, abilities	Fragmentary knowledge; Fragmented application of skills; Partially mastered skill	General but not structured knowledge; Successful but not systematic application of skills; Successful but not systematically exercised skill	Substantial, but containing separate knowledge gaps; Successful but gaps in skill application; Overall successful but gaps in skill	Formed systematic knowledge; Successful and systematic application of skills
ПК-2.1	<p>Know the logic of the formation and development of economic science, the structure of modern economic and theoretical knowledge, the principles of decision-making in the field of economic management; theoretical foundations and patterns of its functioning; methods of studying economics Possess the methods of carrying out scientific research in the field of economics, organization and management of enterprises, industries, complexes in solving the problems of formation and development of economic relations arising in the process of development of the national economy, functioning economic systems and institutional transformations in a market economy, taking into account the globalization of economic processes in industries; methodology for researching problems in the field of economics, organization and management of enterprises, industries, complexes in the formation and development of theory and practice of management of socio-economic systems Be able to evaluate economic ideas and economic and political doctrines, formulate scientific hypotheses and check them</p>	Lack of knowledge, skills, abilities	Fragmentary knowledge; Fragmented application of skills; Partially mastered skill	General but not structured knowledge; Successful but not systematic application of skills; Successful but not systematically exercised skill	Substantial, but containing separate knowledge gaps; Successful but gaps in skill application; Overall successful but gaps in skill	Formed systematic knowledge; Successful and systematic application of skills

ПК-2.2	<p>Know the principles of a systematic approach to studying the object of research; the principles of decision-making in the field of economic management; methods of studying economics; principles of modeling phenomena and processes</p> <p>Possess methods for determining the economic efficiency of national economy management, measures to improve the efficiency of its functioning</p> <p>Be able to identify problems of an economic nature when analyzing specific situations on the market, to distinguish them from problems of a legal nature</p>	Lack of knowledge, skills, abilities	Fragmentary knowledge; Fragmented application of skills; Partially mastered skill	General but not structured knowledge; Successful but not systematic application of skills; Successful but not systematically exercised skill	problems	Formed systematic knowledge; Successful and systematic application of skills
ПК-2.3	<p>Know the current trends and foundations of the development of organizational and economic forms of management</p> <p>Possess the skills of planning, formation, analysis, and application of methods, means and methods and interpretation of data from domestic and foreign statistics on socio-economic processes and phenomena, analyze trends socio-economic processes and indicators</p> <p>Be able to plan, organize and manage the flows of material, financial, labor economic systems in order to rationalize them; improve management methods, state regulation and planning of the activities of enterprises, complexes, industries, predict scenarios for the development of economic systems</p>	Lack of knowledge, skills, abilities	Fragmentary knowledge; Fragmented application of skills; Partially mastered skill	General but not structured knowledge; Successful but not systematic application of skills; Successful but not systematically exercised skill	Substantial, but containing separate knowledge gaps; Successful but gaps in skill application; Overall successful but gaps in skill	Formed systematic knowledge; Successful and systematic application of skills

*The rating system for assessing the knowledge of graduate students in the course (state exam):
Compliance of the assessment systems (previously used assessments of the final academic performance, ECTS grades and the point-rating system (BRS) of assessments of current performance) (In accordance with the Order of the Rector No. 996 dated December 27, 2006 .):*

Amount of credits	Assessment	Unsatisfactory		Satisfactorily		Good	Excellent	
	Mark ECTS	F(2)	FX (2+)	E(3)	D(3+)	C (4)	B (5)	A (5+)
	Maximum points							
3	100	less than 30	31-50	51-60	61-68	69-85	86-94	95-100

Criteria for assessing knowledge, abilities, skills and declared competencies for passing the SQW

"Excellent" - answers all questions, as well as additional questions from the teacher; is fluent in the basic methods of research work; provided original schemes, methods; Demonstrates the ability to think logically and solve problems creatively; understands modern scientific research problems in the profile of training, has a manager's opinion on the report with an assessment of "good" or "excellent". In this case, A (5+) is put if the work presented by the graduate student is practically ready for defense in the dissertation council.

"Good" - answers all questions, as well as some additional questions of the teacher; is fluent in the basic methods of research work; provided improved schemes, techniques; is well versed in modern research issues on professional training, has a manager's opinion on the report with an assessment of "satisfactory" or "good."

"Satisfactory" - answers questions with varying degrees of completeness, and also tries to give correct answers to some additional questions of the teacher; has an idea of the basics of research work; has an idea of the modern research problems in professional training; has a positive response from the manager;

"Unsatisfactory" - cannot answer questions, including additional ones; does not know basic terms, has a negative opinion of the manager on the report.

Examples of tickets.

*Federal State Autonomous Educational Institution of Higher Education
«Peoples' Friendship University of Russia»*

Faculty of Economics
Department of National Economy

**The focus of the program (profile) 08.00.05 Economics and
management of the national economy**

EXAMINATION LIST № 1 OF THE FINAL STATE

ATTESTATION

1. The main types and features of corporations. The role and place of strategic alliances in industry.
2. Working capital of enterprises, the system of their financing and crediting.
3. The firm's strategy in the face of imperfect competition.

Dean of the Faculty
Chairperson

Yury N. Moseykin
Vladimir M. Davydov

*Federal State Autonomous Educational Institution of Higher Education
«Peoples' Friendship University of Russia»*

Faculty of Economics
Department of National Economy

**The focus of the program (profile) 08.00.05 Economics and
management of the national economy**

EXAMINATION LIST № 2 OF THE FINAL STATE

ATTESTATION

1. Principles of specialization and location of industrial enterprises.
2. Direct and indirect price regulation in Russia
3. Content and methods of anti-crisis management in industrial organizations.

Dean of the Faculty
Chairperson

Yury N. Moseykin
Vladimir M. Davydov

6. Requirements for scientific qualification work

6.1. General requirements for the final qualifying work.

In order to start performing a scientific qualification work (dissertation), the applicant must accumulate practical experience in scientific activity.

Methodical readiness to perform scientific qualification work (dissertation) involves solving a set of specific tasks:

- to substantiate the relevance of the selected research topic, its scientific novelty, theoretical and practical significance;
- to study the regulatory framework, statistical materials, reference and scientific literature containing theoretical and methodological foundations for the study of a scientific problem, the solution of which the scientific qualification work (dissertation) is devoted to;
- to correctly determine the object and subject of research;
- to formulate the purpose of the research and tasks planned for consideration; {1} - to collect the necessary statistical and factual material for the analytical stage of work;
- to analyze the collected data, using appropriate methods of processing and analysis of information;
- to develop methodological proposals, and, if necessary, methodological aspects of solving research problems;
- to draw conclusions and develop recommendations for the practical use of the results of the work.

Requirements for the design of a scientific and qualification work (dissertation) The design of the dissertation must comply with the requirements established by the

Ministry of Education and Science of the Russian Federation in clause 15 of the Regulations on the award of academic degrees, approved by the Government of the Russian Federation dated September 24 2013 No. 842 "On the procedure for awarding academic degrees" (Collected Legislation of the Russian Federation, 2013, No. 40, Art. 5074; 2014, N 32, Art. 4496).

Scientific qualification the work (dissertation) must contain either a solution to a problem that is important for the development of the relevant branch of knowledge or new scientifically grounded technical, technological, economic or other solutions and developments that are essential for the development of the country.

Scientific qualification work (dissertation) must be written by the author independently, have internal unity, contain new scientific results and provisions put forward for public protection s, and testify about the personal contribution of the author of the study to science.

In a scientific qualification work (dissertation), which is of an applied nature, information on the practical use of the research results obtained by the author should be provided, and in a scientific qualification work (dissertation), which is of a theoretical nature, recommendations for the use of scientific findings.

The solutions proposed by the author of a scientific qualification work (dissertation) should be reasoned and evaluated in comparison with other known solutions.

The main scientific results of scientific qualification work (dissertation) must be published in peer-reviewed scientific journals, including international journals. The list of peer-reviewed publications is posted on the official website of the Higher Attestation Commission of the Ministry of Education and Science of the Russian Federation in the information and telecommunications network "Internet".

A student who has passed the state exam is allowed to defend the FQP. The defense of the FQP is held at an open meeting of the State Examination Commission (SEC).

State final attestation is carried out in the form of an oral presentation of the FQP, followed by oral answers to questions from the SEC members in accordance with the University Regulations on FQP. The report and / or answers to questions from the SEC members may be in a foreign language.

6.1. As part of the defense of scientific qualification work, the degree of development of graduates of the following competencies is checked:

Universal:

the ability to critically analyze and evaluate modern scientific achievements, generate new ideas when solving research and practical problems, including interdisciplinary fields (UK-1);

- the ability to design and carry out complex research, including interdisciplinary, based on a holistic systemic scientific worldview using knowledge in the field of history and philosophy of science (UK-2); {{1 }} - willingness to participate in the work of Russian and international research teams to solve scientific and scientific and educational problems (UK-3);

- willingness to use modern methods and technologies of scientific communication in the state and foreign languages (UK-4) ;

- the ability to follow ethical standards in professional activity (UK-5);

- the ability to plan and solve the problems of social individual professional and personal development (UK-6).

General professional:

the ability to independently carry out research activities in the relevant professional field using modern research methods and information and communication technologies (OPK-1);

- willingness to organize the work of the research team in the scientific field corresponding to the direction of training (OPK-2);

willingness to teach in educational programs of higher education (OPK-3).

in the profile "Economics and management of the national economy" - 08.00. 05:

the ability to study economic systems, their genesis, formation, development and forecasting (PC -2.1);

- skills to identify theoretical and methodological principles, methods and ways of managing these systems, as well as the most important institutional and infrastructural aspects of the development of economic systems (PC -2.2);

- the ability to study the state, develop and implement methodological tools the improvement of management relations arising in the process of formation, development (stabilization) and destruction of economic systems (PC -2.3).

At the final stage of the GIA, applicants submit a scientific report, which is similar in content to a scientific and technical report and must have the following structure:

introduction;

analytical review of scientific literature on this topic; justification of the chosen direction of work;

sections (chapters) of the report reflecting the methodology, content and results of the work performed;

conclusion (conclusions and proposals); list of used literature; applications.

At the same time, the scientific report:

may not cover the entire problem under study, but only some logically completed part, aspect

- such strict requirements are not imposed on its design and form as a scientific report
- an abstract is not required, division into chapters ...
- by language, literary style of presentation, the report, as a rule, is more adapted for oral presentation

Criteria for assessment and competence of a scientific report on SQW

Evaluation criteria SQW	Competencies
Relevance, practical and theoretical significance of the work	УК-1, УК-5, ОПК-1, ПК-2.1
Depth of analysis	УК-2, УК-3, УК-4, ОПК-1, ПК-2.1, ПК-2.2, ПК-2.3
Style and logic of presentation	УК-1, УК-2
Matching goals, content and work objectives	УК-2, УК-4, ОПК-1, ПК-2.1, ПК-2.2, ПК-2.3
Contribution of the author	УК-5, УК-6, ОПК-1
Preparation of a report for presentation	УК-4, ОПК-3
Quality of presentation of the report	УК-4, ОПК-2, ОПК-3, ОПК-1, ПК-2.1, ПК-2.2, ПК-2.3

Assessment scores for the SQW report

Style and logic of presentation	<p>less than 60 primary sources were used</p> <p>10 - the presentation of the SQW is logical, convincing, corresponds to the scientific style;</p> <p>5 - there are deviations in the SQW in the logic of presentation and style; 0 - in the SQW the material is presented not logically, not scientific</p>
Compliance with the goals, content and objectives of the work	<p>15 - the goal of the SQW has been fully achieved, the content and results of the work reflect the ways and methods of its achievement;</p> <p>10 - the goal of the SQW has basically been achieved, but the content and the results of the work only partially reflect the ways and methods of its achievement;</p> <p>5 - the goal of the SQW has not been fully achieved, the content and results are not sufficiently interconnected</p>

Evaluation criteria SQW	Point
Relevance, practical and theoretical significance of the work	<p>15 - the relevance of the research is fully and reasonably presented in the SQW, the study of the topic is disclosed, the goal, objectives, object, subject, research methods are correctly formulated, the practical and theoretical significance of the work is substantiated;</p> <p>10 - the relevance of the research is reflected in the SQW, partly disclosed the degree of study of the topic, the practical and theoretical significance of the work is insufficiently substantiated, there are some inaccuracies in the formulation of the goal and objectives, object and subject, research methods;</p> <p>5 - the relevance of the research is poorly reflected in the SQW and {{ 1}} the degree of study of the topic, there is no justification</p>
Depth of analysis	<p>20 - SQW is distinguished by its depth of analysis, a broad overview of scientific sources (at least 80), incl. foreign, the ability to critically evaluate the material;</p> <p>15 - the analysis of the material carried out within the framework of the SQW is not deep enough and critical, from 60 to 80 primary sources were used in the work;</p> <p>10 - the analysis of the material carried out within the framework of SQW, is shallow and uncritical, in work</p>

Contribution of the author	<p>15 - during the implementation of the SQW the applicant showed independence and creativity, the author's contribution is presented in the work, the borrowing level is less than 10%;</p> <p>10 - during the SQW, the applicant showed incomplete independence and creativity, the author's contribution, the level of borrowing is incompletely formulated from 10 to 25%;</p> <p>5 - during the implementation of the SQW, the applicant showed very little independence and creativity, there are shortcomings in determining the contribution, the level of borrowing is more than 25%</p>
Preparation of a report for presentation	<p>10 - the applicant's report discloses all aspects, demonstrated deep knowledge of the research topic;</p> <p>5 - the applicant's report discloses most of the aspects, demonstrates knowledge of the research topic, certain aspects of the novelty and significance of the research are not clearly disclosed;</p> <p>0 - the applicant did not disclose most of the aspects in the report, did not demonstrate knowledge on the research topic, did not disclose certain aspects of the research novelty and significance</p>
Quality of presentation of the report	<p>15 - during the presentation of the report, the applicant exhaustively answered the questions of the commission members;</p> <p>10 - during the presentation of the report, the applicant answered most of the questions of the commission members;</p> <p>0 - during the presentation of the report, the applicant did not answer most of the questions members of the commission.</p>

Criteria for evaluation of knowledge, abilities, skills and the stated competences about delivery of SQW

Number of credits	Grade	Unsatisfactory		Satisfactory		Good	Excellent	
	Grade ECTS	F(2)	FX (2+)		D(3+)			
	Maximum Points Amount							
3	100	less than 30	31-50	51-60	61-68	69-85	86-94	95-100

6.1. List of topics for scientific 1-qualification work:

Development of new and adaptation of existing methods, mechanisms and tools for the functioning of the economy, organization and management of economic entities in industry.

Formation of mechanisms for sustainable development of the industrial economy industries, complexes, enterprises.

Mechanisms for the formation of corporate entities in the Russian economy, taking into account the globalization of the world economy.

Tools for intra-firm and strategic planning at industrial enterprises, industries and complexes. {{1}}

Harmonization of industrial and trade policy taking into account economic security.

State management of structural transformations in the national economy. Mechanisms for changing the forms of ownership (privatization, nationalization, integration, demonopolization, etc.) of economic entities.

Improvement of organizational and legal forms of management in corporate entities.

Instruments for the functioning of commodity markets with limited and developed competition in conditions globalization of the world economy and free trade.

Foreign trade activity of enterprises in the context of liberalization of foreign economic activity.

Assessment and insurance of risks of business entities.

Conditions and tools for creating transnational corporations, mechanisms for their adaptation to Russian business conditions.

Tools and methods of management of industrial enterprises, industries, complexes. Diversification of vertically and horizontally integrated economic structures.

Theoretical and methodological foundations of the efficiency of development of enterprises, branches and complexes of the national economy. Industrial policy at the macro and micro levels.

Theoretical and methodological foundations for monitoring the development of economic systems of the national economy.

Problems of increasing energy security and economically sustainable development of the fuel and energy complex. Energy efficiency.

Methodological and methodological approaches to solving problems in the field of economics, organization of management of industries and enterprises of the fuel and energy complex.

State and development prospects of industries of the fuel and energy, machine-building, metallurgical complexes. {{1}} The state and main directions of investment policy in the fuel and energy, machine-building and metallurgical complexes.

Methodology for the development of business processes and business planning in the electric power industry,

oil and gas, coal, metallurgical, machine-building and other industries .

Methodological and methodological issues of forecasting the fuel and energy balance of the country, territorial and administrative entity.

Tariff policy in the sectors of the fuel and energy complex. Methodological and methodological approaches to solving problems in the field of economics, organization and management of industries and enterprises of the metallurgical complex.

Methodological and methodological approaches to solving problems in the field of economics, organization and management of industries and enterprises of the machine-building complex. Theoretical and methodological approaches to the creation of a controlling system in an industrial organization.

Management of the production program in various economic conditions of a division of the organization.

Problems of restructuring industries and industrial enterprises. Methodological problems of industrial economics as a science.

Applicants can offer their research topic related to the specifics of their previous or prospective work. But at the same time, certain conditions must be met - the research topic must correspond to the points of the Passport of specialties of the Higher Attestation Commission of the Ministry of Education and Science 08.00.05 - Economics and management of the national economy (economics, organization and management of enterprises, industries, complexes - industry), be relevant and have elements of novelty, correspond the direction of scientific interests of the prospective supervisor and the directions of scientific research of the graduating department.

6.1. Tasks that the student must solve in the process of performing scientific qualifying work (NQW)

Research tasks determine the main stages of research to achieve the goal. It should be borne in mind that the description of the solution of these problems will constitute the content of chapters and

paragraphs of the thesis, the titles of which should be consonant with the tasks set. It is necessary to divide scientific research into main stages and, in accordance with their content, formulate the research tasks.

As the tasks of the dissertation research, one can single out solutions to certain theoretical issues that are part of the general research problem, including:

- substantiation of the relevance of the problem being solved;
- identification of the essence of a concept, phenomenon, process;
- clarification, deepening, methodological substantiation of the essence, nature, structure of an object;
- based on analysis of the state, use modern methods, techniques and tools disclosing the dynamics, contradictions, trends in the development of an object;
- disclosing methods of transforming an object;
- developing features, levels of functioning, performance criteria, principles and conditions of application, etc. of the object under study, process, phenomenon;
- identification and substantiation of directions and ways of improving the studied processes, phenomena, objects;
- forecast of the development of an object and research
- generalization and assessment of the accuracy of the results obtained, checking the effectiveness of the proposed system of measures;
- development of guidelines and proposals for the use of research results in practice, scientific research, educational methodological process.

At the same time, the task of the NQF is to assess the level and qualifications of the applicant, assess his readiness as a researcher capable of independently conducting research relevant to the relevant field of knowledge, as well as to contain scientifically sound

technical, economic or technological developments of significant importance for the country as a whole.

The objectives of the scientific report are: to ensure the formation of a clear understanding of the main professional tasks and ways to solve them; teaching methodology and techniques for effective search and analysis of knowledge; development of skills, creative and research activities; involvement of graduate students in scientific research and practical development; readiness for professional self-improvement, development of creative potential.

The tasks of the scientific report are also to check the level of formation of the graduate student's competencies, to assess the knowledge of methodologies and research methods in the field of training, to assess the ability to critically evaluate and summarize the theoretical and practical results of research work; - assessment of the skills of analysis, synthesis and testing of scientific research data; assessment of the FQP's compliance with the established requirements (including for registration), making a decision on the awarding of qualifications based on the results of the GIA and the issuance of a document on higher education and the assignment of qualifications: Researcher. Research teacher.

6.1. The stages of the scientific qualification work (NQR), the conditions for admission of the student to the defense procedure, the requirements for the structure, volume, content and design, as well as the list of mandatory and recommended documents submitted for defense, are indicated in the guidelines, approved in the prescribed manner:

In the process of preparing the SQW, the applicant gradually submits sections of the work to the supervisor for verification and revision, reports the main results during the intermediate certification period in each year of graduate school.

The main results of the SQW should be reported and discussed at meetings of the scientific school of the university and the graduating department, international scientific and practical conferences, and also published in peer-reviewed publications.

State final attestation is a comprehensive check of the professional achievements of a graduate student for the entire period of study in graduate school. {{1}} GIA for postgraduate programs is carried out in the form (and in the specified post sequence):

- state examination;
- scientific report on the main results of the prepared scientific and qualification work.

The scientific result of the applicant is a scientific qualification work presented in the form of a manuscript, having the following structure:

1. Cover page (cover)
2. Table of Contents.

3. Introduction.
4. Main body chapters (3-4 chapters with concise and clear conclusions for each chapter).
5. Conclusion on work.
6. List of used literature (at least 70 sources).
7. Basic symbols and abbreviations (if necessary).
8. Attachments (if necessary).

The Title page (cover) of the work should contain:

- Full name of the organization where the work was performed
- Surname, Name and Patronymic of the SQW author { {1} } • Title of work
- Surname, initials, academic title and degree of supervisor
- Place and year of protection.

The Table of Contents contains all the titles of the thesis, the names of all structural sections of the work, indicating the page numbers from which they begin. Only the chapters of the work and the paragraphs within them are numbered. The introduction, conclusion and list of references are not numbered. If there are several applications in the work, then their numbering and names are also placed in the table of contents

Volume - at least 80 pages (excluding applications).

First chapter (usually theoretical): { {1} } • a review of scientific literature in recent years, well-known research, patent analysis and materials that tell in more detail what needs to be done to solve the assigned tasks and how to do it in the most rational way

- brief and critical analysis of the works of predecessors, where it is necessary to name those issues that remained unresolved

- determination of the place in the solution of the problem, formulation and formulation of the tasks of the dissertation research

The second chapter (usually analytical): research of the state of affairs in the research areas, the results of sociological research, the use of improved or adapted techniques in relation to the subject of research, etc.

The third chapter: projects and scenarios for the development of the investigated object, solving the problem indicated in the introduction, as the goal of the work, taking into account the developed methodology, principles, patterns, etc.

The list of used literature is recommended to be formed according to the types of publications there should be continuous numbering within the entire list. Ways of building the list:

- alphabetical way
- chronological
- by types of sources
- in the order of mentioning the literature in the text (sequential).

From September 1, 2012, the State Standard for the Formation of Dissertations and Abstracts GOST R 7.0.11-2011 came into force:

- structure and rules for the design of dissertations in the form of a manuscript;
- structure and rules for the design of a dissertation in the form of a scientific report;
- structure and rules for the design of a dissertation author's abstract;
- rules and examples for the design of bibliographic references (in accordance with the requirements of GOST R 7.0.5-2008). { {1} } • examples of bibliographic records (in accordance with the requirements of GOST 7.1-2003 and GOST 7.80-2000).

Requirements for thesis:

Page margins: left - 25 mm, right - 10 mm, top and bottom - 20 mm each

Font Times New Roman, font size: 12-14 Paragraph indentation is the same throughout the text - 5 characters each Spacing: 1.5 one and a half

Pages are numbered by order (title, first page, not numbered) Each chapter is printed on a new page (paragraphs sequentially).

in the middle of the page without a dot at the end. The distance between the title of the chapter and the title of the paragraph is equal to one line at an interval of 1.5. The distance between the paragraph title and the text or subparagraph title is equal to one line at an interval of 1.5

Evaluation tools.

Within the framework of the defense of scientific qualification work, the degree of development of graduates of the following competencies is checked:

Universal:

the ability to critically analyze and evaluate modern scientific achievements, generate new ideas when solving research and practical tasks, including in interdisciplinary areas (UK-1);

- the ability to design and carry out complex research, including interdisciplinary, based on a holistic systemic scientific worldview using knowledge in the field of history and philosophy of science (UK -2);

willingness to participate in the work of Russian and international research teams to solve scientific and scientific and educational problems of UK-3

willingness to use modern methods and technologies of scientific communication in the state and foreign languages (UK-4);

- the ability to follow ethical standards in professional activity (UK-5);

- the ability to plan and decide tasks of one's own professional and personal development (UK-6).

General professional:

the ability to independently carry out research activities in the relevant professional field using modern research methods and information and communication technologies (OPK-1) ;

- readiness to organize the work of the research team in the scientific industry corresponding to the direction of training (GPC-2);

willingness to teach in educational programs of higher education (GPC-3).

on the profile "Economics and management of the national economy" - 08.00.05:

the ability to study economic systems, their genesis, formation, development and forecasting (PC -2.1);

- skills to identify theoretical and methodological principles, methods and ways of managing these systems, as well as the most important institutional and infrastructural aspects of the development of economic systems (PC -2.2);

- the ability to study the state, develop and implement in practice methodological tools for improving management relations arising in the process of formation, development (stabilization) and destruction of economic systems (PC - 2.3).

Criteria for evaluating a scientific qualification work:

- "excellent" - the urgency of the problem is substantiated by the analysis of the state of theory and practice in a particular field of science. The significance of the study in solving scientific problems is shown: effective options for solving problems that are significant for both theory and practice are found and tested. The theoretical and methodological substantiation of the SQW is correctly presented, the author's intention of the study is clearly formulated, reflected in the conceptual and categorical apparatus; substantiated scientific novelty, theoretical and practical significance of the performed research, deeply and meaningfully carried out the analysis of the obtained results of the experiment. The SQW text is distinguished by a high level of scientific character, the logic of the research is clearly traced, a critical analysis of the existing research is correctly given, the author substantiates his point of view with evidence.

- assessment "good" - the relevance of the research is sufficiently fully substantiated, options for solving research problems with a specific field of application are proposed. The difference between the obtained research results and similar ones already available in science has been proved. To substantiate the research position, a specific theoretical concept is taken as a basis. A terminological apparatus has been formulated, methods and means of scientific research have been determined, but at the same time there is no proper scientific justification for the intention and target characteristics of the carried out research, there is no proper argumentation of the presented materials. Scientific novelty and theoretical significance are vaguely formulated. The main text of the SQW is stated in a unified logic, basically meets the requirements of scientific character and specificity, but there are insufficiently substantiated statements and conclusions.

assessment "satisfactory" the relevance of the study is insufficiently substantiated. The methodological approaches and target characteristics of the study are not clearly defined, but the results obtained in the course of the study do not contradict the laws of practice. A technological description of the sequence of applied research methods, techniques, forms is given, but the choice of research methods

is not justified. The results obtained do not have scientific novelty and have no theoretical significance. In the text of the thesis there are violations of the unified logic of presentation, inaccuracies in the interpretation of the basic concepts of the research, substitution of some concepts by others.

- "unsatisfactory" - the relevance of the chosen topic is justified superficially. There are inconsistencies between the tasks set and the provisions submitted to the defense. The theoretical and methodological foundations of the study are poorly disclosed. The conceptual and categorical apparatus does not fully correspond to the declared topic. There is no scientific novelty, theoretical and practical significance of the results obtained. In the formulation of conclusions based on the results of the study, there is no argumentation and independence of judgments. The text of the work does not differ in its logical presentation, is eclectic in nature and does not allow tracing the author's position on the problem under study. There is a significant proportion of plagiarism in the work.

7. Educational, methodological and informational support of the final certification:

According to the profile of training 08. 00. 05 - "Economics and management of the national economy"

(economics, organization and management of enterprises, industries, complexes - industry)

a) main literature

1. Basovsky L. Economy of the industry. M.: Infra-M, 2011.144 p.
2. Barancheev V., Maslennikova N., Mishin V. Management of innovations. Moscow: Yurayt Publishing House, 2017.720 p.
3. Busov V.I., Labakh N.N., Satkalieva T.S., Teslenova G.A. Theory and practice of making managerial decisions. Moscow: Yurayt Publishing House, 2017.279 pp.
4. Gaponenko A.L., Savelyeva M.V. Control theory. Textbook. Moscow: Yurayt Publishing House, 2016. 336 p.
5. Davydenko I.G., Aleshin V.A., Zotova A.I. Economic analysis of the financial and economic activities of the enterprise. M.: Publishing house KnoRus, 2016.376 p.
6. Makarova L.G. Economic analysis in the management of company finances [Electronic resource]: Textbook for universities / L.G. Makarova, A.S. Makarov. - Electronic text data. - M.: Academy, 2008. - (Higher professional education). - System requirements: Windows XP and higher. ISBN 978-5-7695-5097-3.
<http://lib.rudn.ru/MegaPro/WeBSearchResult/ToPage/1>.
7. Melkumov, Ya.S. Organization and financing of investments: textbook. allowance. M.: Infra-M, 2002.248 p.
8. Mescon M.H., Albert M., Hedouri F. Fundamentals of Management: Trans. from English - M.: Publishing house of William, 2007.672 p.
9. Omelchenko I., Fedorov L., Naimark I., Sterligova A., Chudakov S., Anikin O. Logistics. Moscow: Yurayt Publishing House, 2017.320 p.
10. Popadyuk T.G. The economy of a firm (organization, enterprise). M.: Infra-M, 2017. 296 p.
11. Porter M. Competitive strategy. Moscow: Alpina Publisher, 2017.454 p.
12. Chaldaeveva L.A. Enterprise Economics [Electronic resource]: Textbook and workshop for academic baccalaureate / L.A. Chaldaeveva. - 5th ed., Rev. and dollars; Electronic text data. - M.: Yurayt, 2015. -- 435 p. - (Bachelor. Academic course). - ISBN 978-5-9916-5068-7.
<http://lib.rudn.ru/ProtectedView/Book/ViewBook/5320>
Economy of the company: textbook / N.P. Ivaschenko, ed. Moscow: Prospect, 2016.527 p.
14. Economy of the company [Text]: Textbook / A.S. Arzyamov [and others]; Under

- total. ed. N.P. Ivashchenko. - M.: Prospect, 2019. -- 528 p. - ISBN 978-5-392-29582-1: 600.00
15. Economy of an enterprise (organization) [Electronic resource]: Textbook / N.B. Shark [and others]; Ed. V. Ya. Pozdnyakova, O. V. Devyatkina. - 4th ed., Rev. and additional; Electronic text data. - M.: INFRA-M, 2013. -- 640 p. - (Higher education). - ISBN 978-5-16-003879-7: 475.00.
- 6) Additional literature
16. Aaker D. Strategic market management. SPb.: Publishing house Piter, 2011. 496 p.
17. Asaul A. Organization of entrepreneurial activity. SPb.: Publishing house Piter, 2013. 352 p.
18. Brigham Y., Gapensky L. Financial management. Complete course. In 2 volumes: Per. from English. St. Petersburg: School of Economics, 2009. 497 p.
19. Vlasov MV Strategies for generating knowledge by industrial enterprises [Text] / MV Vlasov Vlasov. - Yekaterinburg, 2015. -- 82 p. - ISBN 978-5-94646-517-5: 0.00. <http://lib.rudn.ru/ProtectedView/Book/ViewBook/3430>. Golov RS, Agarkov AP et al. Economy and enterprise management. M.: Dashkov and co, 2017. 400 p.
21. Gurkov I.B. The strategy and structure of the corporation. M.: Delo, 2008. 288 pp.
22. Dubrovin I. A. Business planning at the enterprise. - M.: Dashkov and K0, 2016. - 432 p.
23. Iescombe E.R. Public private partnership. Moscow: Alpina Publisher, 2015. 464 p.
24. Korobkin A. Economics of the organization of the industry. M.: Publishing house Grevtsova, 2013. 288 p.
25. Kruglova N. Yu. Fundamentals of business (entrepreneurship). M.: KnoRus, 2017. 512 p.
26. Logistics and supply chain management. Theory and practice: in 3 hours: Textbook / Ed.: B.A. Anikina, T.A. Rodkina. Moscow: Prospect, 2012. 339 p.
27. Mazilkina E.I., Panichkina G.G. Competitiveness management. M.: Omega L, 2009. 328 p.
28. Mitrofanova I. A., Tlison A. B. et al. Assessment and improvement of investment and innovation activities of the enterprise: monograph. - M.: Direct Media, 2016. 98 p.
29. Nikolaeva T. P. Finance of the enterprise [Electronic resource]: A short course of lectures / T.P. Nikolaev. - Electronic text data. - M.: Yurayt, 2011. - (I want to hand over everything). - System requirements: Windows XP and higher. - ISBN 978-5-9916-1102-2. <http://lib.rudn.ru/ProtectedView/Book/ViewBook/1341>.
30. New industrial policy of Russia in the context of ensuring technological independence. / Otv. ed. E.B. Lenchuk. SPb.: Publishing house Aleteya, 2016. 336 p.
5. Newton R. Project management from A to Z. M.: Alpina Publisher, 2017. 182 p.
6. Podlesnykh V., Kuznetsov N. Organization theory. Moscow: Bustard, 2013. 352 p.
7. Reed S., Lajou A. Art of mergers and acquisitions. M.: Alpina Publisher, 2011. 960 p.
8. Santalova M., Rodionov E., Voskonyan A. Assessment of innovative industrial policy. M.: LAP Lambert Academic Publishing, 2013. 400 p.
9. Synergetic approach to management: Monograph / G.A. Potasheva. Moscow: NITs INFRA-M, 2013. 160 p. (Scientific thought; Management). Access mode: <http://zn.a.nillm.com/bookread2.php?Book=373341>.
10. Project management: textbook. allowance / I.I. Mazur, V.D. Shapiro, N.G. Olderogge, A.V. Colonels. M.: Omega-L, 2010. 959 p.
11. Ferova IS Industrial clusters and their role in the development of the industrial policy of the region [Electronic resource]. Krasnoyarsk: Sib. Feder. un-t, 2013. 248 p.
12. Tsipes G.L., Tovb A.S. Projects and project management in a modern company: textbook. Benefit. Moscow: Olimp-Business, 2009. 463 p.
13. Economics of innovative activity of enterprise [Electronic resource] = Economics of innovative activity of enterprise: Textbook / I.V. Karzanov [and others]. - Electronic text data. - M.: Publishing house of RUDN, 2017. -- 195 p.: ill. - ISBN 978-5-209-

07983-5. <http://lib.rud11.gu/ProtectedView/BookNewBookJ6322>

14. Enterprise Economics [Electronic resource]: Textbook and workshop for academic baccalaureate / L.A. Chaldaeua. - 5th ed., Rev. and additional; Electronic text data. - M.: Yurayt, 2015. -- 435 p. - (Bachelor. Academic course). - ISBN 978-5-9916-5068-7. <http://lib.rudn.ru/ProtectedView/BookJViewBookJ5320>.

c) books in English

1. Free Online Microeconomics Textbook

http://economics.about.com/od/microeconomics/a/micro_text.htm. {{{{{{{}}}}}) 2.

Microeconomics - <http://economics.about.com/od/microeconomics/index.htm>. [[[[[[[1]]]]]]])

Martin Ricketts. The Economics Of Business Enterprise / An Introduction to Economic Organization and the Theory of the Firm, Third Edition. - University of Buckingham, UK. 2002.

d) magazines

Economic issues Innovations

Innovations and investments Corporate governance Logistics

Financial analytics: problems and solutions

Eco {{{1}} } Economic analysis: theory and practice

Software: Microsoft Office, Mentor,

Databases, reference and search engines:

1. <http://lib.rudn.ru/> - site of the RUDN University library. Sections:

- Electronic catalog - base of books and periodicals in the RUDN library fund.

- Electronic resources - including Licensed resources of UNIBTs (NB): ONLINE University Library, LexisNexis, SPRINGER, RUDN Herald, Columbia International Affairs Online (CIAO), East View, eLibrary.ru, Grebennikon, Libgary PressDisplay, Polpred.com, SwetsWise, Swets Wise online content, University of Chicago Press Journals, Alpina Publishers Books, BIBLIOPHIKA, The RSL Electronic Library.

2. Search engines - www.yandex.ru, www.google.ru, www.rambler.ru, Swets Wise online content.

Wise online content.

www.gks.ru - the official website of the Russian State Statistics Committee Federation.

<http://www.manager.ru> - articles, analytics.

www.expert.ru - articles, analytics.

Legal base - www.garant.ru; www.fsforum.ru. <http://libertarium.ru/library> {{{{{{{}}}}}

www.lib.msu.ru <http://www.ek-lit.agava.ru>

www.kommersa

[nt.ru](http://www.nt.ru)

www.akdi.ru

<http://infomag.mipt.rssi.ru/data/j112r.html>

<http://www.ptpu.ru>

www.expert.ru

<http://www.ise.spb.ru/gallery/main.html>

www.iet.ru

www.inst-econ.org.ru

www.interfax.ru

<http://www.nel.ru/analytdoc/svjdk.html>

www.gov.ru

<http://wcer.park.ru>

www.rfltr.neva.r

[u](http://www.u)

<http://www.rbc.r>

u www.rsi.ru

www.gks.ru

Курс видеолекций (CD презентаций по темам прилагается).

On the profile of training 08.00.05 - "Economics and management of the national economy" (business economics)

a) basic literature

1. Asaul A. Organization of entrepreneurial activity. SPb .: Publishing house Peter, 2013. 352 p.
 2. Barancheev V., Maslennikova N., Mishin V. Management of innovations. Moscow: Yurayt Publishing House, 2017.720 p.
 3. Busov V.I., Labakh N.N., Satkaliyeva T.S., Teslenova G.A. Theory and practice of making managerial decisions. Moscow: Ed. Yurayt, 2017.279 p.
 4. Valigursky D.I. Organization of entrepreneurial activity: Textbook. M .: Dashkov and Co, 2012.520 p.
 5. Innovative entrepreneurship [Text]: Textbook and workshop for undergraduate and graduate programs / V.Ya. Gorfinkel [and others]; Under total. ed. V. Ya. Gorfinkel, T.G. Popadyuk. - M .: Yurayt, 2018 .-- 523 p. - (Bachelor and Master. Academic course). - ISBN 978-5-534-02746-4 959.00.
 - Karpus N.P. Fundamentals of Entrepreneurship [Text / electronic resource]: Textbook / N.P. Karpus, L.V. Shirshov. - Electronic text data. - M .: Publishing house of RUDN, 2013.161 p. ISBN 978-5-209-04992-0: 0.00.
<http://lib.rudn.ru/ProtectedView/Book/ViewBook/3697>
 7. Kiseleva E.N. Organization of commercial activity by industry and application: a tutorial. Moscow: University textbook, 2010.192 p.
 8. Krivorotov V. V., Kalina A. V. et al. Competitiveness of enterprises and production systems. - M .: IOnich-Dana, 2015. - 351 p.
 9. Kruglova N. Yu. Fundamentals of business (entrepreneurship). M .: Publishing house KnoRus, 2017.512 p.
 10. Kuzmina E., Kuzmina LI Organization of entrepreneurial activity. Theory and practice. Tutorial. Moscow: Yurayt Publishing House, 2014.508 p.
 11. Lapusta M., Starostin Yu. Small business. - M .: Infra-M, 2009.560 p.
 12. Larionov IK Economic system of Russia: development strategy. M .: Publishing house Dashkov and KO, 2013.336 p.
 13. Mitrofanova I. A., Tliso A. B. et al. Assessment and improvement of investment and innovation activities of the enterprise: monograph. M.
 11. Nazarova N.A., Chernicov A.E., Glukhova I.V. Basics of entrepreneurial activity: content of activity, quality and competence, professional career, personal organization of an entrepreneur. M .: Infra-M, 2014.224 p.
 12. Naumov V.N. Fundamentals of Entrepreneurship: Textbook. M .: Infra-M, 2014.313 p.
 13. PaSQWatov F.G. Commercial activity: textbook / FG PaSQWatov. 11th ed .; revised and add. M .: Dashkov and Co, 2009.221 p.
 14. Porter M. Competitive strategy. Moscow: Alpina Publisher, 2017.454 p.
 15. Serebryakova T. Yu. Organization risks and internal economic control. M .: Infra-M, 013.111 p.
 16. Tikhomirova O. G. Organization management: theory, history, practice. M .: Infra M, 2013.256 p.
 17. Tulchinsky G.L. Corporate social responsibility. Moscow: Izd-vo Iorayt, 2016.340 p.
- b) additional literature
18. Agarkova L. Where to start your business. SPb .: Publishing house Piter, 2010. New Russian industrial policy in the context of ensuring technological independence
 19. Belykh L.P. Enterprise restructuring. Moscow: Unity-Dana Publishing House, 2009.512 p.

20. Vasilyeva L.S. Business valuation. M.: Publishing house KnoRus, 2016.668 p.
21. Gaponenko A.L., Savelyeva M.V. Control theory. Textbook. Moscow: Yurayt Publishing House, 2016.336 p.
22. Gerber M. Small business: from illusions to success. M.: Publishing house Olimp-Business, 2015.240 p.
23. Goremykin, V.A. Enterprise planning. Moscow: Izd-vo Iorayt, 2013.696 p.
24. Gohan P.A. Mergers, acquisitions and company restructuring. Moscow: Alpina Publisher, 2017.744 p.
25. Gurkov I.B. The strategy and structure of the corporation. Moscow: Delo, 2008.288 p.
26. I. G. Davshchenko, V. A. Alyoshin, Zotova A.I. Economic analysis of the financial and economic activities of the enterprise. M.: Publishing house KnoRus, 2016.376 p.
27. Damodaran A. Strategic risk management. M.: Publishing house of Williams, 2016.496 p.
28. Johnson J., Scholes K., Whittington R. Corporate strategy. Theory and practice. M.: Publishing house of Williams, 2007.800 p.
29. Egorshin A. Crisis and enterprise management. M: Publishing house NIMB, 2011.418 p.
30. Tooth A. Anti-crisis management. Moscow: Yurayt Publishing House, 2017.352 p.
31. Iescombe E.R. Public private partnership. Moscow: Alpina Publisher, 2015.464 p.
32. Konovalova V. Management of organizational culture. Moscow: Prospect Publishing House, 2015.68 p.
33. Corporate social responsibility: management aspect: monograph ffiod obshch. ed. I.Yu. Belyaeva, M.A. Eskindarova. M.: KNORUS, 2008.472 p.
34. Problems of attracting foreign investment in a crisis. / Ed. A.V. Bugrova: Monograph. T.: "Agrosfera" Tver State Agricultural Academy. 2012.236 pp.
35. Reed S., Lajou A. Art of mergers and acquisitions. M.: Alpina Publisher, 2011.960 p.
36. Rhys E. Business from scratch. Moscow: Alpina Publisher, 2012.256 p.
37. Santalova M., Rodionov E., Voskonyan A. Assessment of innovative industrial policy. M.: LAP Lambert Academic Publishing, 2013.400 p.
38. Tinkov O. How to become a businessman. 2014. [Electronic resource] http://tinkov.com/shopfiles/how_to_become_a_businessman.pdf.
39. Shishkin M., Smirnov A. Antimonopoly regulation. Moscow: Yurayt Publishing House, 2017.144 p.
11. Economics of the firm: Textbook for universities. Ed. Gorfinkel V.Ya. M.: Yurayt, 2015. 685 pp.

c) journals Economic issues Innovations

Innovations and investments Corporate governance Logistics

Russian entrepreneurship

Financial analytics: problems and solutions Economic analysis: theory and practice

Software: Microsoft Office, Mentor,

Databases, information and reference and search systems: <http://lib.rudn.ru/> - RUDN University library site. Sections:

- Electronic catalog - base of books and periodicals in the fund of the RUDN library.

- Electronic resources - including Licensed resources of the UNIBC (NB): University Library ONLINE, LexisNexis, SPRINGER, Bulletin of RUDN University, Columbla International Affairs OnJine (CIAO), East View, eLibrary.ru, Grebennikon, Library PressDisplay, Polpred.com, SwetsWise, Swets Wise online content, University of Chicago Press Journals, Books by Alpina Publishers, BIBLIOPHIKA, Electronic Library of Dissertations of the RSL . Search engines - www.yandex.ru, www.google.ru, www.rambler.ru, Swets Wise online content. www.gks.ru is the official website of the State Statistics Committee of the Russian Federation. <http://www.manager.ru>- articles, analytics.

www.expert.ru- articles, analytics.

Правовая база - www.garant.ru; www.fsforum.ru.<http://libertarium.ru/library>

www.csa.ru/ban www.lib.msu.su <http://www.ek-lit.agava.ru> www.kommersant.ru www.akdi.ru http://infomag.mipt.rssi.ru/data/j_1_1_2r.html

<http://www.ptpu.ru>
www.expert.ru
<http://www.ise.spb.ru/gallery/mail11.html>
www.iet.ru
www.inst-ecoll.org.ru
www.interfax.ru
<http://www.nel.ru/analytdoc/svjdkah.html>
[tmlwww.gov.ru](http://www.tmlwww.gov.ru)
<http://www.wcer.park.ru>
www.rfntr.neva.ru
<http://www.rbc.ru>
www.rsl.ru
www.gks.ru
 Курс видеолекций (CD презентаций по темам прилагается).

**8. Material and technical support of certification:
Classroom fund, multimedia facilities.**

Equipment for demonstration of teacher's lecture presentations, reports and messages of graduate students:

- **Classrooms (offices) with workplaces for certification (according to the number of graduate students in the stream);**
- **stationary personal computer with Microsoft office 2007 package;**
- **multimedia projector;**
- **use of portable equipment is allowed - laptop and projector;**
- **screen (stationary or portable floor-standing).**

<i>The audience</i>	<i>Name</i>	<i>Name</i>
103	Classroom	Multimedia projector - 1 pc., Screen - 1 pc.
105	Classroom	Multimedia projector - 1 pc., Screen - 1 pc.

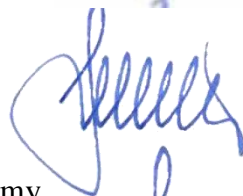
The program was drawn up in accordance with the requirements of the OS of the RUDN University

Doctor of Economics, Professor of the Department of National Economy



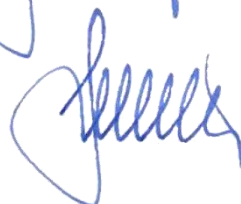
J.G. Golodova

Head of the Program
Doctor of Economics, Professor of the Department of National Economy



Y.N. Moseykin

Head of the Department of National Economy
Doctor of Economics, Professor



Y.N. Moseykin

Department of National Economy

**Approved at the meeting of
the department**

_____ 202_г.,

Protocol № _____

Head of the department

Y.N. Moseikin

**EVALUATION FUND
ON SCIENTIFIC AND QUALIFICATION WORK**

38.06.01 «Economics»

(code and name of preparation direction)

**Economy and management of the national
economy**

(training profile name)

**Researcher, Instructor-
Researcher**

Graduate qualification (degree)

**Passport of the fund of assessment funds for GE and IQR Direction 38.06.01 "Economics"
Profile "Economics and management of the national economy"
Controlled competencies model of controlled competencies**

Universal competences	
УК-1	Ability to critically analyze and evaluate modern scientific achievements, generate new ideas when solving research and practical problems, including in interdisciplinary fields
УК-2	Ability to design and carry out complex research, including UK-2 interdisciplinary, based on a holistic systemic scientific worldview using knowledge in the field of history and philosophy of science
УК-3	Willingness to participate in the work of Russian and international research teams to solve scientific and scientific and educational problems
УК-4	Readiness to use modern methods and technologies of scientific communication in the state and foreign languages
УК-5	Ability to follow ethical standards in professional practice
УК-6	Ability to plan and solve problems of one's own professional and personal development
General professional competencies	
ОПК-1	Ability to independently carry out research activities in the relevant professional field using modern research methods and information and communication technologies
ОПК-2	Willingness to organize the work of the research team in the scientific industry corresponding to the field of study
ОПК-3	Readiness for teaching activities in educational programs of higher education
Professional competence	
ПК-2.1	Ability to study economic systems, their genesis, formation, development and forecasting
ПК-2.2	Skills in identifying theoretical and methodological principles, methods and ways of managing these systems, as well as the most important institutional and infrastructural aspects of the development of economic systems
ПК-2.3	Ability to study, develop and implement in practice methodological tools for improving management relations arising in 2.3 formation, development (stabilization) and destruction of economic systems

<i>Competence Index</i>	<i>Name of valuation funds</i>
УК-1, УК-2, УК-3, УК-4, УК-5, УК-6	Historical, theoretical and comparative analysis in the field of the problem under study _____
УК-5, ОПК-1	Presentation of the report in the form of a scientific text (scientific article, abstract, part of the dissertation, etc.).
УК-1, УК-2, УК-5, УК-6, ОПК-1, ОПК-2	Review and peer review of scientific literature Presentation of the report in the form of a review, feedback
УК-3, УК-4, УК-5,	

УК-6, ПК-2.1, ПК-2.2, ПК-2.3.	1. Presentation of the basis of the report to scientific conferences. 2. Publication of scientific articles in print, Internet. 3. Preparation of a part of the thesis
ОПК-3	Presentation of the report

Sample options for additional questions:

1. A commercial organization, the authorized capital of which is divided into a certain number of shares, and shareholders have the right to freely dispose of their shares to an unlimited number of persons, the company itself has the right to open subscription of issued shares and their free sale is called:

- a) public joint stock company { { 1 } } b) non-public joint stock company
c) limited liability company d) unitary enterprise

2. By the degree of concentration, enterprises are classified into:

- a) large joint stock companies and unitary enterprises b) small, medium, large
c) commercial and non-commercial d) joint and foreign
e) specialized and non-specialized

3. The subjects of the external macroenvironment of enterprise functioning include:

- a) suppliers and buyers
b) government bodies, local authorities and public organizations
c) business partners and competitors d) market infrastructure

4. The concentration of the production of goods or services in large and largest enterprises based on an increase in capital as a result of an increase in the capitalization of business income, or the pooling of the capital of two or more entrepreneurs is called:

- a) concentration
b) specialization c) diversification d) integration

5. According to the content of planning decisions, types of planning are divided into:

- a) directive and indicative planning
b) strategic, tactical, operational-production and business planning
c) long-term (long-term), medium and short term (current) planning d) economic and social
e) national and regional

6. The prime cost includes the following costs:

- a) capital costs of expanding production
b) current costs of the enterprise, expressed in monetary terms, for the production and sale of products
c) costs of increasing working capital funds
d) costs from profit in the form of a consumption fund

1. 7. It is customary to distinguish the following types of market boundaries:

2. a) product b) temporary c) local

3. The Lerner index determines:

- a) the degree of concentration
b) the total number of firms
c) home of the firm on the market d) monopoly power

For each individual question of the CE assignment, the maximum number of points is set at a high level of performance, and in other cases - as a percentage of points:

Question	Below the average (0 points)	Average (1/2 max. points)	Above the average (3/4 max. points)	High (max points)
1 (30 points)	given a symbolic answer or not	given an overview, partial	given a complete answer with minor	дан полный, ответ

		response	bugs	
2 (30 points)	given a symbolic answer or not	given an overview, partial response	given a complete answer with minor bugs	full detailed answer is given
3 (30 points)	given a symbolic answer or not	given an overview, partial response	given a complete answer with minor bugs	full detailed answer is given
Additional questions (10 points)	there are practically no answers	partial answers	given a complete answer with minor bugs	answers are given to almost all questions

Assessment scores of the SQW report

Criteria for assessing the SQW	Points
Relevance, practical and theoretical significance of the work	15 - the relevance of the study is fully and reasoned presented, the degree of study is disclosed, the tasks, object, subject, research methods are correctly formulated, the practical and theoretical significance of the work is substantiated;
	10 - the SQW reflects the relevance of the research, partly discloses the degree of study of the topic, the practical and theoretical significance of the work is insufficiently substantiated, there are some inaccuracies in the formulation of the goal and objectives, object and subject, research methods;
	5 - the SQW poorly reflects the relevance of the study and the degree of study of the topic, there is no justification
Depth of analysis	20 - SQW is distinguished by its depth of analysis, a broad overview of scientific sources (at least 80), incl. foreign, ability to critically evaluate material;
	15 - the analysis of the material carried out within the framework of the SQW is not deep enough and critical, from 60 to 80 primary sources were used in the work;
	10 - the analysis of the material carried out within the framework of the SQW is shallow and uncritical, less than 60 primary sources were used in the work;
Style and logic of presentation	10 - the presentation of the SQW is logical, evidence-based, corresponds to the scientific style;
	5 - in the SQW there are deviations in the logic of presentation and style;
	0 - in the SQW the material is presented not logically, not in scientific language
Compliance with the goals, content and objectives of the work	10 - the SQW goal has basically been achieved, but the content and results of the work only partially reflect the ways and methods of achieving it;
	5 - the goal of the SQW has not been fully achieved, the content and results are not sufficiently interconnected

Contribution of the author	15 - during the execution of the SQW, the applicant showed independence and creativity, the author's contribution is presented in the work, the level of borrowing is less than 10%;
	10 - during the implementation of the SQW, the applicant showed incomplete independence and creativity, the author's contribution was incompletely formulated, the level of borrowing was from 10 to 25%;
	5 - during the implementation of the NQR, the applicant showed very little independence and creativity, there are shortcomings in determining the contribution, the level of borrowing is more than 25%
Preparation of a report for presentation	10 - in the report, the applicant discloses all aspects, demonstrated in-depth knowledge of the research topic;
	5 - in the report, the applicant disclosed most of the aspects, demonstrated knowledge on the research topic, but did not clearly disclose certain aspects of the novelty and significance of the research;
	0 - in the report, the applicant did not disclose most of the aspects, did not demonstrate knowledge on the research topic, did not disclose certain aspects of the novelty and significance of the research
Quality of presentation of the report	15 - during the presentation of the report, the applicant exhaustively answered the questions of the members of the commission;
	10 - during the presentation of the report, the applicant answered most of the questions of the members of the commission;
	0 - during the presentation of the report, the applicant did not answer most of the questions of the commission members.

Rating system for assessing the knowledge of postgraduate students for the course (state exam):

Number of credits	Grade	Unsatisfactory		Satisfactory		Good	Excellent	
	Grade ECTS	F(2)	FX (2+)	E(3)	D(3 +)	C (4)	B (5)	A (5+)
		Maximum Points Amount						
3	100	less than 30	31-50	51-60	61-68	69-85	86-94	95-100

Criteria for evaluation of knowledge, abilities, skills and the stated competences about delivery of SQW

Number of credits	Grade	Unsatisfactory		Satisfactory		Good	Excellent	
	Grade ECTS	F(2)	FX (2+)	E(3)	D(3 +)	C (4)	B (5)	A (5+)
		Maximum Points Amount						

6	100	less than 30	31-50	51-60	61-68	69-85	86-94	95-100
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The content of the SQW is determined by the topic of the graduate qualification work of graduate students

When assigning marks, a point-rating system is used, in accordance with the Regulations on the BRS for assessing the quality of mastering basic educational programs, adopted by the Decision of the Academic Council of the University (Minutes No. 6 of 17.06.2013) and approved by the Order of the Rector of the University of June 20, 2013.

The program has been drawn up in accordance with the requirements of OS VO RUDN / FGOS VO

Doctor of Economics, Professor of the
Department of National Economy

J.G. Golodova

Head of the Program
Doctor of Economics, Professor of the
Department of National Economy

Y.N. Moseykin

Head of the Department of National Economy
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