

Ministry of Science and Higher Education of the Russian Federation
Federal State Autonomous Educational Institution of Higher Education
"South Ural State University
(national research university)"

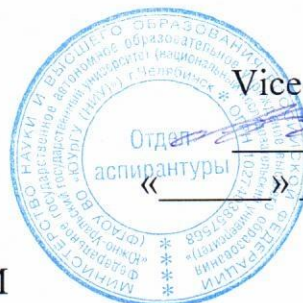
"APPROVED"

First Vice-Rector-

Vice-Rector for Research

A.V. Korzhov

2024 г.



PROGRAM
entrance test for graduate school in a special discipline
group of scientific specialties 5.8 – Pedagogy

in scientific specialties

- 5.8.1 – General pedagogy, history of pedagogy and education;
- 5.8.7 – Methodology and technology of professional education.

Chelyabinsk
2024

В ДЕЛО
ОТДЕЛА АСПИРАНТУРЫ
УЧЕБНО-МЕТОДИЧЕСКИЙ ЦЕНТР
ИЗДАТЕЛЬСТВО
И. А.

PROGRAM

entrance test for graduate school in a scientific specialty

5.8.1 – General pedagogy, history of pedagogy and education

1. EXAM PROCEDURE

The exam is conducted in a face-to-face format.

The form of the examination is written (answers to questions on the ticket chosen by the applicant).

The number of questions in the ticket is determined by the Entrance Test Program for the relevant scientific specialty and is equal to 2.

The time to prepare written answers to questions is at least 60 minutes. The maximum time for preparation is 180 minutes (the exact time is indicated by the examination committee).

Before the start of the exam, along with the ticket, all applicants receive cards indicating the applicant's ID.

Applicants fill out answers to questions on examination sheets with an individual code (ID of the applicant) indicated on them, without indicating the name.

After the time specified by the examination committee for preparing answers has expired, applicants submit the examination sheets for verification. The ID cards are kept by the applicants until the exam results are announced. Members of the commission announce the date and time of announcement of the results.

When announcing the results of checking written answers, the commission members name the applicant's ID and his result in points. The named applicant presents a card with the corresponding applicant ID and gives his name to enter information into the exam protocol.

If an applicant disagrees with the assigned scores, he has the right to undergo an interview with the examination committee. The questions submitted for the interview must be within the framework of the entrance examination program. The number of questions at the interview is no more than three.

Interview questions are reflected in the exam protocol.

Points for answers to additional interview questions are reflected in the exam protocol and are summed with points for written answers to questions. In this case, the total score for general professional competencies (the sum of points for the applicant's answers to questions on the ticket and answers to additional questions) should not exceed 100 points.

Adding points for each individual achievement is carried out only if the commission provides supporting documents.

Information about individual achievements and documents confirming them must be provided to the commission during the entrance test in a special discipline. Information provided later than the agreed deadline will not be taken into account.

Points for individual achievements are counted provided they correspond to the scientific specialty of the graduate program to which the applicant is entering.

Points for individual achievements are filled out by the commission in the Individual Achievements sheet and entered into the exam protocol.

Protocols of entrance examinations, examination sheets and sheets of individual achievements are transferred to the central selection committee for entering grades into the Univeris system on the day the exam results are announced.

After entering the scores, protocols, examination sheets and sheets of individual achievements are transferred to the postgraduate department and are stored in the applicant's personal file.

2. PROGRAM CONTENT:

The program contains two sections: *a general part and a special part.*

Section 1. General part.

This section contains general issues of pedagogy related to various scientific specialties (issues of methodology, legal framework of education, basic conceptual apparatus, paradigms of pedagogy). Questions of the general part of pedagogy do not relate to a certain level of education, type of educational organization or organization providing training, or a certain category of students. Thus, the general part of the exam questions is formed on the basis of the following subsections.

I. Methodology of pedagogy. Scientific approaches to research in the field of pedagogy. Systematic approach, concepts and provisions. Synergetic approach, concepts and provisions. Competence-based approach, concepts and provisions. Personality-oriented approach, concepts and provisions. Humanely oriented approach, concepts and provisions.

II. Regulatory and legal foundations of education. Law "On Education in the Russian Federation". Federal state educational standard. Federal government requirements. Basic educational program.

III. Education system in the Russian Federation.

IV. Categories of pedagogy. Education. Upbringing. Training.

V. Subjects of education. Students and teachers. Educational and pedagogical interaction. Subject-subject and subject-object interaction. Pedagogical competencies. Pedagogical assistance, pedagogical support, pedagogical support of education.

VI. Educational process. Components of the educational process. Goals and objectives of education for different levels of education. Content of education and its structuring. Basis for determining and structuring the content of education. Methods of education. Organizational forms of education. Control. Its types. Network forms of implementation of the educational process. The phenomenon of digitalization of education. E-learning. Distance technologies of education.

VII. Lifelong education concept. Stages of formation. Concept, principles and types of lifelong education.

VIII. The phenomenon of internationalization of education. International cooperation in the field of education. Bologna Process. Russia in the Bologna process. National path of education development in the Russian Federation. Goals, objectives, aspects of international activities in an educational organization.

IX. Educational management. Educational governing bodies and bodies for assessing the activities of educational organizations. Levels of education management. Self management.

Section 2. Special part.

This section contains questions related to the level of general education (preschool education, primary general education, basic general education, secondary general education). Its subject and area of research are reflected. The questions of the first section are specified in relation to general education, reflecting the specific features of this level of education and the characteristics of the student population. Thus, the special section covers the following subsections:

I. Subject and methods of pedagogy of general education, history of pedagogy and education. Subject, goals and objectives of general education pedagogy, history of pedagogy and education. Research methods in general education pedagogy, history of pedagogy and education. Classification of methods. Adequacy of methods for the tasks and stages of the study. The relationship between the pedagogy of general education, the history of pedagogy and education with other branches of pedagogy and other sciences.

II. Law "On Education in the Russian Federation" on the levels of general education in the Russian Federation. Federal State Educational Standards (FSSES) OO. Sections of the Federal State Educational Standard. Educational organizations of general education. Types of educational organizations of general education. Documents on general education.

III. Basic educational programs of general education (BEPOO). Continuing education for children and adults. Continuing general education programs (general developmental and pre-professional programs).

IV. Levels of the educational process of general education. Components of the educational process. Contents of general education (by levels of general education). Modern educational technologies. Methods of general education (taking into account the age and individual characteristics of students, by level of education). Organizational forms of general education. Control in the general education system. Its types.

V. Internationalization of education. International activities in the general education system. Joint educational programs. Exchange programs. Academic and professional mobility.

VI. Requirements for a general education teacher and additional education teacher for children and adults. Professional standards "Teacher (pedagogical activities in the field of preschool, primary general, basic general, secondary general education (educator, teacher)", "Educator-psychologist (psychologist in the field of education)", "Teacher of additional education for children and adults", "Specialist in the field of education."

3. EXAM QUESTIONS

Exam questions for section 1:

1. Pedagogy as a science. Subject of pedagogy. Goals and objectives of pedagogy. Sections of pedagogy. The connection between pedagogy and other sciences.
2. Methodology of pedagogy. Levels of methodology.
3. System approach, concepts and provisions.
4. Synergetic approach, concepts and provisions.
5. Competence-based approach, concepts and provisions.
6. Personality-oriented approach, concepts and provisions.
7. Humanely oriented approach, concepts and provisions.
8. Federal Law of the Russian Federation of December 29, 2012 N 273-FZ "On Education in the Russian Federation". General characteristics. Subject of regulation. Chapters.
9. Federal Law of the Russian Federation of December 29, 2012 N 273-FZ "On Education in the Russian Federation". Basic principles of state policy and legal regulation of relations in the field of education.
10. Federal Law of the Russian Federation of December 29, 2012 N 273-FZ "On Education in the Russian Federation". Education system in the Russian Federation.
11. Federal state educational standards (FSES) and federal state requirements. Educational standards.
12. Educational programs. Basic educational programs. Continuing educational programs.
13. Main categories of pedagogy. Education, upbringing, training.
14. Levels of education. Educational organizations and their types.
15. Subjects of education in different types of educational organizations. Students in an educational organization.
16. Pedagogical competencies. Pedagogical assistance, pedagogical support, pedagogical support. Comparison of concepts.
17. Subject-subject and subject-object educational and pedagogical interaction.
18. Educational process. Concept. Components.
19. Goals and objectives of the educational process (for a specific type of educational organization).
20. Content of education. Elements. Sources. Basis of structuring.
21. Methods of education. Methods of education and training. Classifications.
22. Organizational forms of education (for a certain type of educational organization).
23. Monitoring educational results. Types of control.
24. Network form of implementation of the educational process.
25. E-learning.
26. Distance education.
27. The concept of lifelong education. Stages of formation. Principles. Concept.
28. Bologna Agreement. Stages of formation of the Bologna process. The process of Russia's accession to the Bologna process. Russia's withdrawal from the Bologna process.

Exam questions for section 2:

1. General pedagogy. Goals, objectives, subject. Connection with other branches of pedagogy and other sciences.
2. History of pedagogy. Goals, objectives, subject. Connection with other branches of pedagogy and other sciences.
3. Logic of pedagogical research. Contradiction, problem, goal, object, subject, research objectives, scientific hypothesis.
4. Research methods in general pedagogy. Their classification. Adequacy of methods for the tasks and stages of the study.
5. Federal Law of the Russian Federation of December 29, 2012 N 273-FZ "On Education in the Russian Federation". Levels of general education in the Russian Federation.
6. Federal Law of the Russian Federation of December 29, 2012 N 273-FZ "On Education in the Russian Federation". Educational organizations. Types and categories of educational organizations of general education. Documents on general education.
7. Federal State Educational Standard for preschool education. Sections and requirements of the Federal State Educational Standard.
8. Federal State Educational Standard for Primary General Education. Sections and requirements of the Federal State Educational Standard.
9. Federal State Educational Standard for basic general education. Sections and requirements of the Federal State Educational Standard.
10. Federal State Educational Standard for Secondary General Education. Sections and requirements of the Federal State Educational Standard.
11. Additional education for children and adults. Kinds.
12. The relationship between upbringing and education in general education.
13. Age categories of students in the general education system.
14. Goals and objectives of the educational process in the organization of general education.
15. Contents of general education. Elements. Basis of structuring.
16. Methods of education in the organization of general education.
17. Innovative educational technologies in the organization of general education.
18. Organizational forms of education in the organization of general education
19. Monitoring educational results. Types of control.
20. Network form of implementation of the educational process in the organization of general education.
21. International activities in the organization of general education.
22. Joint educational programs. Exchange programs.
23. Academic mobility.
24. The concept of general education management. Educational authorities.

4. CRITERIA FOR EVALUATING APPLICANTS' WRITTEN RESPONSES AND ANSWERS TO ORAL INTERVIEW QUESTIONS

4.1. CRITERIA FOR EVALUATING WRITTEN RESPONSES

Each question is scored by category. The maximum score for a question is 50 points and is the sum of the number of points for each category.

Category	Criterion
1. Basic concepts and definitions	10 points – definitions of all concepts are given correctly; 8 points – definitions of all concepts are given; there are inaccuracies in the definitions; 6 points – correct definitions of less than half of the concepts are given; 4 points – definitions of less than half of the concepts are given; there are inaccuracies in the definitions; 2 points – all definitions contain gross errors; 0 points – there are no definitions of basic concepts
2. Theses of theories and approaches	10 points – formulated correctly; illustrated; interpreted to the subject of research; 8 points – formulated correctly; are not fully illustrated or interpreted to the subject of the study; 6 points – formulated quite correctly, with minor inaccuracies; not illustrated or interpreted to the subject of the study; 4 points – formulated insufficiently correctly and incompletely; not illustrated; not interpreted to the subject of the study; 2 points – all formulations contain gross semantic errors; 0 points – no wording
3. Logic and proof	10 points – the presentation is logical and evidence-based; 8 points – there are minor logical errors; 6 points – in general, the presentation is logical in form, however, logical transitions are poorly justified; 4 points – the sequence of presentation is formally observed; logical transitions are not justified; 2 points – the presentation is fragmentary, in most cases there is no logic; 0 points – the presented material does not fully meet the requirements of logic and evidence
4. Topicality	10 points – the most up-to-date data on the issue is presented; Documented evidence of recently introduced changes is indicated; 8 points – the most up-to-date data on the issue is presented; the recently introduced changes are not fully documented; 6 points – some information used in the answer is outdated; 4 points – the answer contains mostly outdated information; 2 points – outdated or canceled versions of the material are presented;

	0 points – modern and recently considered correct materials are not included in the answer
5. Research elements	10 points – the place of the material in pedagogical research and in one’s own pedagogical research, in particular, is shown; 8 points – the place of the material in pedagogical research and in one’s own pedagogical research is shown, in particular with minor inaccuracies; 6 points – the place of the material is shown either in pedagogical research or in one’s own pedagogical research; 4 points – only minor elements of the use of material in pedagogical research are shown, mainly in nominal order; 2 points – there is no interpretation of the material in relation to pedagogical research, its use is indicated in name order; 0 points – the place of the material in pedagogical research and in one’s own pedagogical research, in particular, is not shown

4.2 CRITERIA FOR EVALUATING ORAL ANSWERS

The total score for answers to interview questions should not exceed 15 points.

The total points for answers on the ticket and oral answers at the interview should not exceed 100 points.

5. BASIC LITERATURE

AVERYANOV, A.N. SYSTEMATIC KNOWLEDGE OF THE WORLD: METHODOLOGICAL PROBLEMS / A.N. AVERYANOV. – M.: POLITIZDAT, 1985. – 262 P.

AMONASHVILI SH.A. REFLECTIONS ON HUMANE PEDAGOGY / SH.A. AMONASHVILI. □ M.: SHALVA AMONASHVILI PUBLISHING HOUSE, 1996. □ 494 P.

BELIKOV, V.A. PHILOSOPHY OF PERSONALITY EDUCATION: ACTIVITY ASPECT: MONOGRAPH / V.A. BELIKOV. – M.: VLADOS, 2004. – 357 P.

BELOZERTSEV, E.P., GONEEV, A.D., PASHKOV, A.G. PEDAGOGY OF VOCATIONAL EDUCATION: TEXTBOOK FOR UNIVERSITIES, M.: ACADEMY. – 2008. – 368 P.

BELIKOV, V.A. EDUCATION. ACTIVITY. PERSONALITY: MONOGRAPH. / V. A. BELIKOV. – M.: ACADEMY OF NATURAL SCIENCES, 2010. – 340 P.

BELKIN, A.S. FUNDAMENTALS OF AGE-RELATED PEDAGOGY / A.S. BELKIN. □ EKATERINBURG: UGPPU, 2000. □ 192 P.

LAW OF THE RUSSIAN FEDERATION “ON EDUCATION IN THE RUSSIAN FEDERATION” //

[HTTP://WWW.CONSULTANT.RU/DOCUMENT/CONS_DOC_LAW_140174/](http://www.consultant.ru/document/cons_doc_law_140174/)

ZIMNYAYA, I.A. KEY COMPETENCIES AS AN EFFECTIVE-TARGET BASIS OF THE COMPETENCY-BASED APPROACH IN EDUCATION / I.A. WINTER // [HTTP://WWW.NGOSNEWS.RU/DOCS/NWFA/METHOD/05_QUALT/KEYCOMP.DOC.](http://www.ngosnews.ru/docs/nwfa/method/05_qualit/keycomp.doc)

ZIMNYAYA, I.A. PEDAGOGICAL PSYCHOLOGY: TEXTBOOK. MANUAL FOR UNIVERSITY STUDENTS / I.A. WINTER. – ROSTOV N/D: PHOENIX, 1997. – 476 P.

ZMEEV, S.I. FUNDAMENTALS OF ANDRAGOGY / S.I. ZMEEV: TEXTBOOK FOR STUDENTS, GRADUATE STUDENTS AND TEACHERS. - M.: FLINTA; SCIENCE, 1999.-152 P.

KNYAZEVA, E.N. ANTHROPIC PRINCIPLE IN SYNERGETICS / E.N. KNYAZEVA, S.P. KURDYUMOV // QUESTIONS OF PHILOSOPHY. – 1997. – NO. 3. – P. 62–79.

SERIKOV G.N. EDUCATION: ASPECTS OF SYSTEMIC REFLECTION. – KURGAN: TRANS-URALS, 1997. – 464 P.

SERIKOV G.N. EDUCATION AND HUMAN DEVELOPMENT. – M.: MNEMOSYNE, 2002. – 416 P.

SERIKOV G.N. PEDAGOGY. BOOK 1: OBJECT OF RESEARCH. – M.: VLADOS, 2005. – 440 P.

SERIKOV G.N. PEDAGOGY. BOOK 2: RESEARCH METHODOLOGY. – M.: VLADOS, 2006. – 456 P.

6. ADDITIONAL READING

AKANOV, B.A. FUNDAMENTALS OF SCIENTIFIC RESEARCH / ED. MULDAKHMETOVA Z.M. // B.A. AKANOV, N.A. KARAMZIN. – ALMA-ATA: MEKTEP, 1989. – 136 P.

ANALYSIS AND CLASSIFICATION OF PEDAGOGICAL TECHNOLOGIES IN THE USSR AND FOREIGN COUNTRIES (S.V. IGNATIEV, V.A. MELOKHIN, ACADEMY OF PEDAGOGICAL SCIENCES OF THE USSR, SCIENTIFIC RESEARCH INSTITUTE OF VOCATIONAL AND TECHNICAL EDUCATION). – L.: NIIP TO, 1991. – 63 P.

BELUKHIN, A.D. FUNDAMENTALS OF STUDENT-CENTERED PEDAGOGY. COURSE OF LECTURES / A.D. BELUKHIN. – M. – VORONEZH: INSTITUTE OF PRACTICAL SCIENCES. PSYCHOLOGY: MODEK, 1996. – PART 1. – 318 P. BUROV K.S., SERIKOV G.N. PEDAGOGICAL PRACTICE OF MASTERS OF MANAGEMENT: TEXTBOOK. – CHELYABINSK, SUSU, 2012. – 41 P.

VESNA, M.A. PEDAGOGICAL SYNERGETICS: MONOGRAPH / M.A. SPRING. – KURGAN: KSU PUBLISHING HOUSE, 2001 – 405 P.

ZAGVYAZINSKY V.I., ATAKHANOV R. METHODOLOGY AND METHODS OF PSYCHOLOGICAL AND PEDAGOGICAL RESEARCH / TEXTBOOK. AID FOR STUDENTS HIGHER PED. TEXTBOOK INSTITUTIONS, 2ND ED. M.: PUBLISHING CENTER "ACADEMY", 2005. - 208 PAGES.

KOTLYAROVA, I.O. RESEARCH ACTIVITIES OF POSTGRADUATE STUDENTS IN THE DIRECTION OF “EDUCATION AND PEDAGOGICAL SCIENCES”: METHODOLOGY, THEORY, PRACTICE: TEXTBOOK / I.O. KOTLYAROVA, G.N. SERIKOV. – CHELYABINSK: SUSU PUBLISHING CENTER, 2019. – 166 P.

KOTLYAROVA I.O., SERIKOV S.G. ADDITIONAL EDUCATION THROUGHOUT LIFE: DEVELOPMENT OF A PERSON’S PERSONAL RESOURCES: MONOGRAPH / I.O. KOTLYAROVA, S.G. SERIKOV. – CHELYABINSK: URAL ACADEMY PUBLISHING HOUSE. – 188 P.

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YAKOVLEVA, N.O. THEORETICAL AND METHODOLOGICAL FOUNDATIONS OF PEDAGOGICAL DESIGN: MONOGRAPH / N.O. YAKOVLEVA. – M.: INFORMATION AND PUBLISHING CENTER ATISO, 2002. – 239 P.

7. SOFTWARE AND INTERNET RESOURCES

1. Russian State Library URL: <http://www.rsl.ru/>
2. Russian National Library URL: <http://www.nlr.ru/>
3. "Public.Ru" - public Internet library
URL: <http://www.public.ru/>
4. Lib.students.ru - public Internet library URL: <http://www.lib.students.ru/>
5. Scientific Library of St. Petersburg State University URL: <http://www.lib.rv.spbu.ru/>
6. University Library "Online"
7. EBS "LAN" access to a free package
8. Scientific electronic library eLIBRARY (<http://elibrary.ru/>)
9. UIS RUSSIA <http://uisrussia.msu.ru/is4/main.isp>
10. Electronic library system MARK SQL 1.9 - <http://polpred.com/8>.

DEVELOPERS

Professor of the Department of BJD



I.O. Kotlyarova

PROGRAM
*entrance test for graduate school in a scientific specialty 5.8.7 –
Methodology and technology of professional education*

1 EXAM PROCEDURE

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Before the start of the exam, along with the ticket, all applicants receive cards indicating the applicant's ID.

Applicants fill out answers to questions on examination sheets with an individual code (ID of the applicant) indicated on them, without indicating the name.

After the time specified by the examination committee for preparing answers has expired, applicants submit the examination sheets for verification. The ID cards are kept by the applicants until the exam results are announced. Members of the commission announce the date and time of announcement of the results.

When announcing the results of checking written answers, the commission members name the applicant's ID and his result in points. The named applicant presents a card with the corresponding applicant ID and gives his name to enter information into the exam protocol.

If an applicant disagrees with the assigned scores, he has the right to undergo an interview with the examination committee. The questions submitted for the interview must be within the framework of the entrance examination program. The number of questions at the interview is no more than three.

Interview questions are reflected in the exam protocol.

Points for answers to additional interview questions are reflected in the exam protocol and are summed with points for written answers to questions. In this case, the total score for general professional competencies (the sum of points for the applicant's answers to questions on the ticket and answers to additional questions) should not exceed 100 points.

Adding points for each individual achievement is carried out only if the commission provides supporting documents.

Information about individual achievements and documents confirming them must be provided to the commission during the entrance test in a special discipline. Information provided later than the agreed deadline will not be taken into account.

Points for individual achievements are counted provided they correspond to the scientific specialty of the graduate program to which the applicant is entering.

Points for individual achievements are filled out by the commission in the Individual Achievements sheet and entered into the exam protocol.

Protocols of entrance examinations, examination sheets and sheets of individual achievements are transferred to the central selection committee for entering grades into the Univeris system on the day the exam results are announced.

After entering the scores, protocols, examination sheets and sheets of individual achievements are transferred to the postgraduate department and are stored in the applicant's personal file.

3. PROGRAM CONTENT:

The program contains two sections: *a general part and a special part.*

This section contains general issues of pedagogy related to various scientific specialties (issues of methodology, legal framework of education, basic conceptual apparatus, paradigms of pedagogy). Thus, the general part of the exam questions is formed on the basis of the following subsections.

I. Methodology of pedagogy. Scientific approaches to research in the field of pedagogy. System approach, concepts and provisions. Synergetic approach, concepts and provisions. Competence-based approach, concepts and provisions. Personality-oriented approach, concepts and provisions. Humanely oriented approach, concepts and provisions.

II. Regulatory and legal foundations of education. Law "On Education in the Russian Federation". Federal state educational standard. Federal government requirements. Basic educational program.

III. Education system in the Russian Federation.

IV. Categories of pedagogy. Education. Upbringing. Education.

V. Subjects of education. Students and teachers. Educational and pedagogical interaction. Subject-subject and subject-object interaction. Pedagogical competencies. Pedagogical assistance, pedagogical support, pedagogical support of education.

VI. Educational process. Components of the educational process. Goals and objectives of education (by level). Content of education and its structuring. Basis for determining and structuring the content of education. Methods of education. Organizational forms of education. Control. Its types. Network forms of implementation of the educational process. The phenomenon of digitalization of education. E-learning. Distance technologies of education.

VII. Continuing education concept. Stages of formation. Concept, principles and types of lifelong education.

VIII. The phenomenon of internationalization of education. International cooperation in the field of education. Bologna Agreement. Russia in the Bologna process.

Exit from the Bologna process. Goals, objectives, aspects of international activities in an educational organization. Saving the identity of Russian education.

Section 2. Special part

This section contains questions related to the level of professional education (secondary vocational education, higher education). Its subject and area of research are reflected. The questions of the first section are specified in relation to vocational education, reflecting the specific features of this level of education and the characteristics of the contingent of students (students) and teachers. Thus, the special section covers the following subsections:

I. Subject and methods of pedagogy of vocational education. Subject, goals and objectives of pedagogy of vocational education. Research methods in the pedagogy of vocational education. Classification of methods. Adequacy of methods for the tasks and stages of the study. The relationship between the pedagogy of vocational education and other branches of pedagogy and other sciences.

II. Law "On Education in the Russian Federation" on the levels of professional education in the Russian Federation. Federal State Educational Standards (FSSES) SPO and O. Sections of the Federal State Educational Standard. Educational organizations of vocational education, higher education. Types and categories of educational organizations of higher education. Typology of modern universities. Qualifications and degrees awarded to graduates of vocational education and higher education organizations. Documents on professional education.

III. System of professional education in the Russian Federation. Basic educational programs of professional education. Continuing education (CE). Reskilling and advanced training. Continuing professional development programs.

IV. Educational process of professional education. Components of the educational process. Content of vocational education (in accordance with the Federal State Educational Standard for professional education or higher education in a particular field of study). Modern educational technologies. Methods of vocational education. Organizational forms of professional education. Control in professional education system. Its types. Requirements for undergraduate, specialist and master's degree programs. Requirements for graduate students' projects.

V. Internationalization of higher education. International activities in universities. International activities of the national research university. Joint educational programs. Exchange programs. Academic and professional mobility. International communication of teaching staff.

VI. Requirements for a professional education teacher and a teacher of continuing education.

3. EXAM QUESTIONS

Exam questions for section 1:

1. Pedagogy as a science. Subject of pedagogy. Goals and objectives of pedagogy. Sections of pedagogy. The connection between pedagogy and other sciences.
2. Methodology of pedagogy. Levels of methodology.
3. System approach, concepts and provisions.
4. Synergetic approach, concepts and provisions.
5. Competence-based approach, concepts and provisions.
6. Personality-oriented approach, concepts and provisions.
7. Humanely oriented approach, concepts and provisions.
8. Federal Law of the Russian Federation of December 29, 2012 N 273-FZ "On Education in the Russian Federation". General characteristics. Subject of regulation. Chapters.
9. Federal Law of the Russian Federation of December 29, 2012 N 273-FZ "On Education in the Russian Federation". Basic principles of state policy and legal regulation of relations in the field of education.
10. Federal Law of the Russian Federation of December 29, 2012 N 273-FZ "On Education in the Russian Federation". Education system in the Russian Federation.
11. Federal state educational standards (FSES) and federal state requirements. Educational standards.
12. Educational programs. Basic educational programs. Continuing education programs.
13. Main categories of pedagogy. Education, upbringing, training.
14. Levels of education. Educational organizations and their types.
15. Subjects of education in different types of educational organizations. Students in an educational organization.
16. Pedagogical competencies. Pedagogical assistance, pedagogical support, pedagogical support. Comparison of concepts.
17. Subject-subject and subject-object educational and pedagogical interaction.
18. Educational process. Concept. Components.
19. Goals and objectives of the educational process (for a specific type of educational organization).
20. Content of education. Elements. Sources. Basis of structuring.
21. Methods of education. Methods of education and training. Classifications.
22. Organizational forms of education (for a certain type of educational organization).
23. Monitoring educational results. Types of control.
24. Network form of implementation of the educational process.
25. E-learning.

26. Distance education.

27. The concept of lifelong education. Stages of formation. Principles. Concept.

Bologna Agreement. Stages of formation of the Bologna process. The process of Russia's accession to the Bologna process. Exit from the Bologna process. National policy of the Russian Federation in the field of higher education.

Exam questions for section 2:

1. Pedagogy of vocational education. Goals, objectives, subject. Connection with other branches of pedagogy and other sciences.
2. Logic of pedagogical research. Contradiction, problem, goal, object, subject, research objectives, scientific hypothesis.
3. Research methods in the pedagogy of vocational education. Their classification. Adequacy of methods with tasks and stages of research.
4. Federal Law of the Russian Federation of December 29, 2012 N 273-FZ "On Education in the Russian Federation". Levels of professional education in the Russian Federation.
5. Federal Law of the Russian Federation of December 29, 2012 N 273-FZ "On Education in the Russian Federation". Educational organizations. Types and categories of educational organizations of higher education. Qualifications and degrees awarded. Documents on professional education.
6. Federal State Educational Standard for Secondary and Higher Professional Education. Sections of the Federal State Educational Standard.
7. System of vocational education in the Russian Federation.
8. Basic educational programs of professional education. Components of educational programs.
9. Continuing education. Retraining and advanced training. Internships. Continuing education programs.
10. The concept of professional education. The relationship between upbringing and education. Features of professional education in adolescence.
11. Features and principles of adult education.
12. Goals and objectives of the educational process in the organization of higher education. Higher education.
13. Contents of professional education. Sources. Elements. Basis of structuring. The competency matrix as a basis for designing educational content.
14. Methods of education in the organization of higher education.
15. Innovative educational technologies in the organization of higher education.
16. Organizational forms of education in higher education organizations
17. Monitoring educational results. Types of control. Final state certification.
18. Bachelor's final qualifying work. Specialist Diploma. Master's dissertation. Requirements. Comparison.
19. Scientific qualification work of a graduate student. Requirements.

20. Network form of implementation of the educational process in the organization of higher education.
21. International activities at universities. International activities at a national research university. Programs for the internationalization of higher education.
22. Joint educational programs. Exchange programs.
23. Academic mobility.
24. Professional mobility of teaching staff. Professional communication with foreign colleagues.

4. CRITERIA FOR EVALUATING APPLICANTS' WRITTEN RESPONSES AND ANSWERS TO ORAL INTERVIEW QUESTIONS

4.1. CRITERIA FOR EVALUATING WRITTEN RESPONSES

Each question is scored by category. The maximum score for a question is 50 points and is the sum of the number of points for each category.

Category	Criterion
1. Basic concepts and definitions	10 points – definitions of all concepts are given correctly; 8 points – definitions of all concepts are given; there are inaccuracies in the definitions; 6 points – correct definitions of less than half of the concepts are given; 4 points – definitions of less than half of the concepts are given; there are inaccuracies in the definitions; 2 points – all definitions contain gross errors; 0 points – there are no definitions of basic concepts
2. Theses of theories and approaches	10 points – formulated correctly; illustrated; interpreted to the subject of research; 8 points – formulated correctly; are not fully illustrated or interpreted to the subject of the study; 6 points – formulated quite correctly, with minor inaccuracies; not illustrated or interpreted to the subject of the study; 4 points – formulated insufficiently correctly and incompletely; not illustrated; not interpreted to the subject of the study; 2 points – all formulations contain gross semantic errors; 0 points – no wording
3. Logic and proof	10 points – the presentation is logical and evidence-based; 8 points – there are minor logical errors; 6 points – in general, the presentation is logical in form, however, logical transitions are poorly justified; 4 points – the sequence of presentation is formally observed; logical transitions are not justified;

	<p>2 points – the presentation is fragmentary, in most cases there is no logic;</p> <p>0 points – the presented material does not fully meet the requirements of logic and evidence</p>
4. Topicality	<p>10 points – the most up-to-date data on the issue is presented; Documented evidence of recently introduced changes is indicated;</p> <p>8 points – the most up-to-date data on the issue is presented; the recently introduced changes are not fully documented;</p> <p>6 points – some information used in the answer is outdated;</p> <p>4 points – the answer contains mostly outdated information;</p> <p>2 points – outdated or canceled versions of the material are presented;</p> <p>0 points – modern and recently considered correct materials are not included in the answer</p>
5. Research elements	<p>10 points – the place of the material in pedagogical research and in one's own pedagogical research, in particular, is shown;</p> <p>8 points – the place of the material in pedagogical research and in one's own pedagogical research is shown, in particular with minor inaccuracies;</p> <p>6 points – the place of the material is shown either in pedagogical research or in one's own pedagogical research;</p> <p>4 points – only minor elements of the use of material in pedagogical research are shown, mainly in nominal order;</p> <p>2 points – there is no interpretation of the material in relation to pedagogical research, its use is indicated in name order;</p> <p>0 points – the place of the material in pedagogical research and in one's own pedagogical research, in particular, is not shown</p>

4.2 CRITERIA FOR EVALUATING ORAL ANSWERS

The total score for answers to interview questions should not exceed 15 points.

The total points for answers on the ticket and oral answers at the interview should not exceed 100 points.

5. BASIC LITERATURE

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TEXTBOOK FOR STUDENTS, GRADUATE STUDENTS AND TEACHERS. - M.:
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VLADOS, 2005. – 440 P.

SERIKOV G.N. PEDAGOGY. BOOK 2: RESEARCH METHODOLOGY. – M.:
VLADOS, 2006. – 456 P.

6. ADDITIONAL READING

AKANOV, B.A. FUNDAMENTALS OF SCIENTIFIC RESEARCH / ED.
MULDAKHMETOVA Z.M. // B.A. AKANOV, N.A. KARAMZIN. – ALMA-ATA:
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7. SOFTWARE AND INTERNET RESOURCES

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2. Russian National Library URL: <http://www.nlr.ru/>
3. "Public.Ru" - public Internet library
URL: <http://www.public.ru/>
4. Lib.students.ru - public Internet library URL: <http://www.lib.students.ru/>
5. Scientific Library of St. Petersburg State University URL: <http://www.lib.ras.spbu.ru/>
6. University Library “Online”
7. EBS "LAN" access to a free package
8. Scientific electronic library eLIBRARY (<http://elibrary.ru/>)
9. UIS RUSSIA <http://uisrussia.msu.ru/is4/main.isp>
10. Electronic library system MARK SQL 1.9 - <http://polpred.com/8>.

DEVELOPERS

Professor of the Department of BJD



I.O. Kotlyarova