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for the degree of Doctor of Philosophy (Ph.D.)

in the specialty 6D010300 - "Pedagogy and psychology to the thesis prepared

### **ANNOTATION**

**Research topic:** "Preparation of future trainers-teachers for the pedagogical control of academic training activities of learners"

**The purpose of the study:** theoretical justification of the preparation of future trainers-teachers for pedagogical control of the academic training activities of learners, development of its methodology and experimental practice.

#### **Research objectives:**

1. To determine the theoretical and methodological foundations of preparing future trainers-teachers for pedagogical control of the academic training activities of learners.

2. Clarification of the essence and content of the concept of "pedagogical control of educational and training activities of learners".

3. Development of a structural and content model for preparing future trainers-teachers for pedagogical control of the academic training activities of learners.

4. Development of methods for preparing future trainers-teachers for pedagogical control the academic training activities of learners and experimental testing of its effectiveness.

#### **Research methods:**

Theoretical: study of psychological, pedagogical and educational-methodical literature of far and near foreign countries, analysis of dissertational research work, collection of study resources, conclusion, comparison, clarification of research materials;

Empirical: control, exchange of pointviews with learners and teachers; conducting surveys; analysis of normative and educational-methodical documents, control with a test task, conducting experimental work; statistical methods.

#### **The main provisions proposed for defence (proven scientific hypotheses and other conclusions that are new knowledge)**

1. The process approach allows pedagogical control of educational and training activities of students to be based on value-oriented, project, evaluation and corrective activities at a general, special and specific level from the main methodological approach of research view in the preparation of future trainers-teachers. The potential of the higher educational institution in the implementation of this training consists of the educational trajectory, the possibilities of additional and distance education and practice-oriented training, the educational and material base, the provision of teaching aids and the high scientific and practical level of professors-teachers.

2. "The concept of pedagogical control of academic training activities of learners, future coaches-teachers is understood the process of obtaining information about the physical condition of those engaged in physical culture and sports in order to identify and improve the effectiveness of the results and monitor the progress of the educational and training activities of students." Its content

consists of information about the purpose, objectives, types, content, methods, forms (quantity, sample testing), results (identification, identification of deviations, correction of errors) in accordance with the structural elements of the control activity.

3. The structural and content model of preparing future trainers-teachers for pedagogical control of academic training activities of learners includes the content of the organization of educational and training work, the development and harmonization of knowledge and skills and qualitative characteristics of the personality of the future trainer-teacher to control its results; determines the appropriate indicators and levels; their implementation provides from a conceptual-purposeful, cognitive-procedural, productive-evaluative point of view.

4. Methods of preparing future trainers-teachers for pedagogical control of academic training activities of learners in accordance with the gradual formation of their mental activity awareness of the professional and personal significance of pedagogical control activities; mastering theoretical knowledge in the field of pedagogical control of academic training activities of learners and disclosure of the content of their implementation and actions, the organization of practical activities; includes the content of control and self-control. The elective course "control of the pedagogical process in the field of physical culture and sports", textbooks "control in teaching physical education to schoolchildren", "methods of teaching gymnastics", as well as pedagogical tasks for organizing educational activities (questions, tests, training tasks, training tasks) were offered by us to future coaches with the gradual development of forms, methods increases the effectiveness of the methodology.

#### **The main results of the study:**

1. The theoretical and methodological foundations of the preparation of future trainers-teachers for pedagogical control of academic training activities of learners are determined. The potential of the university in the implementation of this problem is determined; the process approach is justified from the point of view of the main methodological approach.

2. The scientific characteristics of the educational and training activities of students are given. The structural elements of for pedagogical control of academic training activities of learners and their interrelation are determined, the features of the training of future trainers-teachers are determined. The essence and content of the concept of "pedagogical control of academic training activities of learners" are clarified.

3. The composition and criteria, indicators of the preparation of future coaches-teachers for pedagogical control of academic training activities of learners were determined in accordance with the theory of activity; a structural and content model was developed.

4. The methodology of training future trainers-teachers for pedagogical control of academic training activities of learners, based on the organization of educational activities in accordance with the gradual formation of mental activity, has been developed.

### **Novelty and significance of the obtained results:**

1. *The first result* demonstrated the need to train future specialists in the conditions of vocational education in accordance with the achievements of science and technology that meet the changes in education and considered the scientific work on the preparation of future trainers-teachers for pedagogical control of academic training activities of learners (diss. in section 1.1) and their directions; the characteristics of methodological approaches (including with the assignment of priority to the process approach), which are guided in the study and implementation of the training of future trainers-teachers for pedagogical control of academic training activities of learners (diss. in section 1.2); the needs of the potential of the university and its main components for the preparation of future trainers-teachers for pedagogical control of academic training activities of learners (diss. in section 1.3).

2. According to the second result (diss. in section 2.1) to prepare future trainers-teachers for pedagogical control of academic training activities of learners, scientific works on the types of educational and training activities and control of students from the point of view of a systematic approach are studied, as a result the essence and concept content of the " pedagogical control of academic training activities of learners" are defined in a number of concepts that used in the process training, and the qualitative characteristics were clarified in accordance with the area of activity, including those formulated, which consist of system-forming elements of pedagogical control. This will serve as a basis for determining the content and orientation of the training of future sports teachers.

3. According to the third result, research works have been studied, which serve as the basis and guide the preparation of future trainers-teachers for pedagogical control of academic training activities of learners (diss. in section 2.2), the ways and means of improving the training of future specialists (intensive, extensive, etc.) are defined.; as a result of the research, a model of training future trainers-teachers for pedagogical control of academic training activities has been developed in accordance with the theory of activity, indicators and levels of training have been clarified, blocks of its implementation have been defined and described (diss. in section 2.3). These theoretical conclusions will contribute to the effective implementation of this training.

4. According to the fourth result, diagnostics of the preparation of future trainers-teachers for pedagogical control of academic training activities of learners was carried out in order to determine the results of organized educational work that correspond to the identified indicators and levels (diss. in section 3.1) and its results showed the need to improve the content and methods of teaching; a methodology was developed for preparing students for pedagogical control of academic training activities under the guidance of the theory of gradual formation of mental activity (diss. In section 3.2) and the program of the elective course, increases its effectiveness, textbooks have been developed, including pedagogical tasks and methods and forms of organizing educational work have been clarified. The effectiveness of the methodology is characterized by: the implementation of methods and a set of studies in accordance with the objectives of the study,

awareness of the content aspect of learning, the introduction of the presented teaching aid into the educational process, the appropriate organization of educational work, evidence of the data obtained, the planned frequency of experimental work, the determination of the results of primary and final indicators.

**Compliance with the directions of development of science or state programs.**

The topic of the dissertation corresponds to the state mandatory standard of Higher and postgraduate education, the rules for organizing the educational process on credit technology of training and the implementation of specialist training specified in the concept for the development of education in the Republic of Kazakhstan for 2022-2026. It will also be aimed at training specialists for the organization of physical culture and sports activities in educational institutions specified in the content of the Law of the Republic of Kazakhstan "On Physical Culture and Sports". In the course of the study, future trainers-teachers are trained in accordance with the standard qualification characteristics of the positions of managers, specialists of physical culture and sports organizations.

**Description of the Ph.D. student's contribution to the preparation of each publication:**

According to the results of the study, 20 scientific papers were published: 2 of them were included in the Scopus database and 3 were published in foreign journals, 11 articles were published in scientific publications recommended by the committee for quality assurance in the field of science and higher education of the Ministry of science and higher education of the Republic of Kazakhstan (MSHE RK), 2 collections of international scientific conferences, 2 manuals were developed. All publications were prepared in the course of the conducted research.

1. Preparing future teachers to evaluate learning outcomes// Universidad Del Zulia. Revista de Ciencias Humanas y Sociales. № 90-2 Maracaibo – Venezuela. (2019) 385-402 PP (Isaev A. I., 30%), (co-authors Tuna S., 50 %, Boranbayeva A., Ortaev B., Isaev G., Musabekova G., 20%); the article discusses the process of preparing future teachers for evaluating learning outcomes.

2. Improving the supervisory competence of future teacher trainers with the help of innovative technologies// World Journal on Educational Technology: Current Issues Volume 14, Issue 3, Yeditepe University, Turkey. (2022) 692-703 PP(Isaev.A..I..80.%),(coauthors:Ortaev.B.T.,Isaev.Ĝ.,Dosqaraev.B.,Alpamysova G.,20%). The article describes the process of improving the supervisory competence of future teachers-coaches through innovative technologies.

11 articles have been published in publications recommended by the Committee for Quality Assurance in the Field of Science and Higher Education of the Ministry of Science and Higher Education of the Republic of Kazakhstan:

1. Bolashaq dene mádenieti mamandarynyń kásibı qarym-qatynas mádenietin qalyptastyrdyń erekshelikteri // L.N.Gýmilev atyndaǵy Eýrazia ulttyq ýniversiteti Habarshysy. – Astana. № 5 (120), 2017 j, 116-121 bb (Isaev A.I., 100%); The article discusses the features of the formation of a culture of professional communication of physical culture specialists.

2. Jeke tulǵanyń aqyl-oi jáne dene jumys qabiletiligi turaqtylyǵyn

qamtamasyz etetin dene mádenieti quraldarynyń mańyzdylyǵy // L.N.Gýmılev atyndaǵy Eýrazia ulttyq ýniversiteti Habarshysy. – Astana. № 5 (120), 2017 j, 113-116 bb (Isaev A.I., 100%); The article discusses the importance of physical culture tools aimed at ensuring the stability of the mental and physical functioning of the individual.

3. Bolashaq oqytýshy-jattyqtyrýshylardyń ádistemelik quzyrettiliginiń máni // "Qazaqstannyń ǵylymy men ómiri" Halyqaralyq ǵylymı-kópshilik jýrnaly. – Almaty, №2 (57), 2018 j. 114-118 bb (Isaev A.I., 70%), (co-authors: Berkimbaev K.M., 30%); The article analyzes the basics of the concepts of competence, professional competence.

4. Oqytý nátiželeri mánin anyqtaýdyń qajettilikteri// "Qazaqstannyń ǵylymy men ómiri" Halyqaralyq ǵylymı-kópshilik jýrnaly. – Almaty, №1/2 (55), 2018 j. 195-198 bb (Isaev A.I., 80 %), (co-authors: Ortaev B. T., tuna S., 20%); the article discusses the requirements of the results of training for the content of education and the relationship between the purpose of training and competencies.

5. Mektepke deingi balalardyń dene tárbiesi // Q.A.Iasaýı atyndaǵy halyqaralyq qazaq-túrik ýniversitetiniń Habarshysy, - Túrkistan №1 (111), 2019 j. 178-181 bb (Isaev A.I., 90 %), (co-authors: Abýseitov B.Z., Rahmet Ú.R., 10 %); The article discusses the physical culture of preschool children as the basis of the health of modern society.

6. Bolashaq muǵalimderdiń baqylaý iskerliklerin qalyptastyrý qajettiligi// Iasaýı ýniversitetiniń habarshysy. –Túrkistan. №2 (116). 2020 j. 148-159 bb (Isaev A.I., 80 %), (co-authors: Ortaev B.T., Týna S., 20%); The content of the article explains the concepts of "control", "business" and "control business".

7. Dene tárbiesindegi baqylaýdy uıymdastyrý túrleri men formalary – bolashaq maman daıarlaý baǵdary// "Qazaqstannyń ǵylymy men ómiri" Halyqaralyq ǵylymı-kópshilik jýrnaly. –Almaty. №5/5, 2020 j. 185-189 bb (Isaev A.I., 80%), (co-author Ortaev B. T., 20%); the article discusses the need to prepare future teachers for the problem of monitoring educational work on physical education of schoolchildren, their activities in the lesson.

8. Mektep jasyndaǵy bastaýysh synyp oqýshylarynyń qımyldyq oıyндar arqyly dene sapalaryn damytý ádistemesi// "Qazaqstannyń ǵylymy men ómiri" Halyqaralyq ǵylymı-kópshilik jýrnaly. -Almaty. №5/5, 2020 j. 278-282 bb (Isaev A.I., 90%), (co-authors: Abdillaev A.K., Aqnazarov S.B., 10 %); The article discusses the methodology for the development of physical qualities of Primary School students of school age through action games.

9. Bolashaq.jattyqtyrýshy-oqytýshynyń baqylaýshy quzyrettiliginiń máni men mazmuny // "Qazaqstannyń ǵylymy men ómiri" Halyqaralyq ǵylymı-kópshilik jýrnaly. – Almaty. №12/9, 2020 j. 238-242 bb (Isaev A.I., 80%), (co-authors: Ortaev B.T., 20 %); The future in the article.the essence and content of the supervisory competence of the coach-teacher are considered.

10. Dene tárbiesiniń jeke tulǵanyń damýyndaǵy mańyzdylyǵy týraly // "Qazaqstannyń ǵylymy men ómiri" Halyqaralyq ǵylymı-kópshilik jýrnaly. – Almaty. №12/9, 2020 j. 265-273 bb (Isaev A.I., 95%), (co-author: Hýdiarov G.B., 5 %); The article describes the importance of physical education in the

development of the individual.

11. Bolashaq jattyqtyrýshy-oqytýshylardyń baqylaýshy quzyrettiligi jáne olardy jetildirý joldary// Iasaýı ýnıversitetiniń habarshysy. -Türkistan. №1. (123). 2022 j. 124-135 bb (Isaev A.I., 100 %). The article discusses the supervisory competence of future trainers-teachers and ways to improve them.

5 articles were published in the materials of the international scientific and practical conference, including far and near abroad:

1. Bolashaq deneshynyqtyrý mamandaryn daıyndaýdyń pedagogıkalyq úderisiniń máni // "Ǵylymı zertteýler: III myńjyldyqtyń negizgi máseleleri" XXIII Halyqaralyq ǵylymı-praktıkalyq konferensiasynyń materialdary negizindegi ǵylymı maqalalar jınaǵy (Máskeý, 20-22 naýрыз 2018 j.) 56-60 bb (Isaev A.I.,70%), (co-authors: Berkimbaev K.M., Iskakova J.J., Iskakova R.K., Alımbetov B.A., Mýtanova D., 30%); The article discusses the issue of the essence of the educational process of training future physical education specialists.

2. Bolashaq muǵalimderdiń oqýshylardyń oqý nátiyelerin baǵalaýǵa daıyndyǵyn qalyptastyrý máseleleri // 21 ǵasyrdaǵy kásibi bilim berýdi damytýdyń máseleleri men bolashaǵy. 10-11 sáyirdegi IX Halyqaralyq ǵylymı konferensia materialdarynyń jınaǵy, Máskeý – 2019 j., 32-35 bb

(Isaev A.I.,70 %), (co-author: Týna S., 30 %); This article substantiates the methodological aspects of the formation of the readiness of future teachers to evaluate learning outcomes.

3. Sport zaldarynda sportshylarǵa arnalǵan jaıly mikroklımaty qamtamasyz etý: Jaılylyq temperatýrasyna taqyryptyq zertteý//12-shi halyqaralyq konferensiasy, ICC 2020 Danang, Vetnam, 3 qarasha – 3 jeltoqsan, 2020 j. 626-637 bb (Isaev A.I., 70%), (co-authors: Omarov.B., Omarov. B., Anarbaev. A., Ahmetov. B., Esirkepov J., Sabdenbekov E., 30%). The article discusses the issues of providing a comfortable microclimate for athletes in gyms.

4. Pedagogıkalyq úderiste praktıkalyq is-áreketterdi baqylaý// Q.A.Iasaýı atyndaǵy halyqaralyq qazaq-túrik ýnıversiteti, "Uly Dalanyń jeti qyry" jáne qazaq rýhaniaty" taqyrybyna arnalǵan "Ózbekáli Jánibek Oqýlary - 2019" atty H halyqaralyq ǵylymı-tájiribelik konferensia materialdary, 8 sáyir, -Türkistan. 2019 j. 316-321 bb (Isaev A.I., 75 %), (co-authors: Ortaev B.T., Týna S., 25%). The article comprehensively analyzes and describes the course of control of practical actions in the pedagogical process.

5. Oqýshylardyń oqý nátiyelerin baǵalaýdyń erekshelikteri týraly // Q.A.Iasaýı atyndaǵy halyqaralyq qazaq-túrik ýnıversitetiniń Habarshysy, Türkistan. №3 (109), 2018 j. 182-186 bb (Isaev A.I., 50 %), (co-authors: Ortaev B.T., Týna S. 50 %). The article reveals the features of assessing the results of school students' education.

2 The manual was published.

1. Oqýshylardy dene tárbiesine baýlýda baqylaýdy júzege asyrý // Oqý quraly. – Shymkent, "Álem" baspahanasy. 2021 j. 152 b (Isaev A.I., 70%), (co-author: Ortaev B.T., 30%); The manual discusses the issues of regulation of intra-school control and management, types and methods of Control, Verification and assessment of educational and cognitive activity of students, pedagogical

control and accounting in physical education.

2. Gimnastikany oqytý ádistemesi. Oqý quraly. – Shymkent, "Álem" baspahanasy. 2021. - 132 b. (Isaev A.I., 100%). The textbook is developed on the basis of the texts of lectures on the discipline of gymnastics, the lesson plan and the structure of the lesson as a whole.

Structure and scope of the research work. The dissertation consists of an introduction, three sections with conclusions, conclusions, Appendices, a list of used references.