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PHILOSOPHICAL AND PEDAGOGICAL APPROACHES TO
ORGANIZING THE OLYMPICS

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Abstract. *Philosophical and pedagogical approaches to the organization of the Olympiads, as well as information about the current state, analysis and role of the Olympiads in education are highlighted in this article. Also, the purpose and tasks of the Olympiad and the method of handling some written work questions in the III stage are described.*

Key words: *continuous education system, Olympiad, strain, mutation, substance, metabolism, chemistry, biology, physics, information technology.*

Абстрактный. *В статье освещены философско-педагогические подходы к организации олимпиад, а также сведения о современном состоянии, анализе и роли олимпиад в образовании. Также описаны цель и задачи олимпиады и методика решения некоторых письменных рабочих вопросов на III этапе.*

Ключевые слова: *система непрерывного образования, олимпиада, штамм, мутация, вещество, метаболизм, химия, биология, физика, информационные технологии.*

Annotatsiya. *Mazkur maqolada olimpiadalarni tashkil etishda falsafiy va pedagogik yondashuvlari, hamda olimpiada tashkil etishning hozirgi holati, tahlili va ta'lim-tarbiyadagi o'rni haqida ma'lumotlar yoritib berilgan. Shuningdek, olimpiadaning maqsadi va vazifalari hamda III-bosqichda tushgan ayrim yozma ish savollarini ishlanish metodikasi bayon etilgan.*

Kalit so'zlar: *uzluksiz ta'lim tizimi, olimpiada, shtamm, mutatsiya, modda, metabolizm, kimyo, biologiya, fizika, axborot texnologiyalari.*

INTRODUCTION

Resolution PQ-4306 of May 3, 2019 of the President of the Republic of Uzbekistan "On measures to identify talented young people and establish a continuous system of highly qualified personnel training", development of science in the fields of mathematics, physics, chemistry and biology , in order to ensure the execution of the tasks specified in the presidential decrees on setting the tasks of bringing the cooperation of scientists with the ministries of industry, production and economic associations, educational institutions to a new level of quality, on November 3-8, the Republic of Karakalpakstan, the regions and the city of Tashkent the 3rd stage of the Olympiad took place.

The main goal of the Olympiad is to identify talented, capable and talented students in the fields of chemistry, biology, physics and informatics and information technologies among young people, to increase students' interest in scientific research activities, science-related and basic formation of motivations for practical application of competences and acquired knowledge, achievement of wide distribution and popularization of scientific knowledge among young people, support of talented young people and expansion of conditions for their intellectual development. The main tasks of the Olympiad are to select and support talented and talented students in the fields of chemistry, biology, physics and informatics and information technologies, and to create a system of their encouragement, to expand the opportunities of talented young people to participate in the Olympiads, and to strengthen their knowledge. , as well as to further strengthen the promotion of interest in science among peers at the republic level, to increase their interest in logical reasoning and scientific activity.

ANALYSIS OF LITERATURE ON THE SUBJECT AND RESEARCH METHODOLOGY

Winners of the third and fourth stages of science Olympiads among students of schools and academic lyceums will be awarded cash prizes. The winners of the 4th stage will be presented with electronic certificates valid for 3 years, giving the right to receive the maximum score in the entrance exams to the state HEIs in the field of specialization.

15937 students of 9th - 10th - 11th grade took part in this stage. 1.8 million soums for the 1st place for students who won at this stage according to the current procedure; 1.2 million soums for 2nd place; 0.9 million soums was awarded for the 3rd place. This year, for the purpose of encouraging and awarding the winners, about 3 billion will be allocated from the budget of the Republic. Soum funds have been allocated. This procedure was introduced from the 2021-2022 academic year by the decision of the Cabinet of Ministers No. 562, and in the last academic year 2.7 billion. Soum funds were directed.

By the decision of the government on September 9, the procedure for organizing and conducting science Olympiads among students of general secondary education organizations, academic lyceums and vocational schools, as well as the selection of participants of international Olympiads and the promotion of winners is completed. the statute was approved. This was reported by the press service of the Ministry of Justice. According to the regulations, the following general education Olympiads are organized among schoolchildren:

- main Olympiad;
- additional republican Olympiads;
- online olympiad;
- prestigious international Olympiads; r
- egional international Olympiads.

In particular, the main olympiads are divided into two groups of the relevant subjects and are held in 4 stages in the following periods:

1st stage — in September at the scale of schools, academic lyceums and vocational schools;

2nd stage — at the district (city) level in October;

3rd stage — on the scale of the Republic of Karakalpakstan, regions and the city of Tashkent in November;

4th stage — in April-May in all subjects at the national level.

The types, forms, and assessment criteria of all subjects are approved by the Ministry of Public Education.

Students of the 11th grade of schools, vocational schools, and 2nd grade of academic lyceums will participate in the 4th stage. Students who take 1st, 2nd, 3rd place in each subject are considered winners.

The winners of the Main Olympiad will be awarded the following cash prizes:

To each student who won in stage 3: 1st place - 6 times of BHM;

2nd place — 4 times the BHM;

3rd place - 3 times the BHM.

To each student who won in stage 4:

1st place - 12 times of BHM;

2nd place - 8 times of BHM;

3rd place - 6 times of BHM.

Also, the winners of the 4th stage will be given electronic certificates valid for 3 years, giving the right to get the maximum score in the entrance exams to the state HEIs in the specialty subject.

Students who have received this certificate in the field of informatics and information technologies are given the right to get the maximum score in the entrance exams to state HEIs in mathematics as a specialty.

Winners of prestigious international Olympiads working as teachers in educational institutions are paid a monthly bonus of 150 percent of their salary, and winners of the republican stage of the main Olympiads are paid a monthly bonus of 100 percent. We remind you that until 2019, school, college and lyceum students who took 1st-3rd place in national science Olympiads and 1st-5th place in international Olympiads were admitted to higher education institutions without tests and additional exams.

From the 2019/2020 academic year, the winners and prize-winners of the republican Olympiads were given an exam to enter the OTM, but the highest score was given in the specialty subject.¹

¹ O'zbekiston Respublikasi Prezidentining "O'zbekiston respublikasi xalq ta'limi tizimini 2030-yilgacha rivojlantirish kontseptsiyasini tasdiqlash to'g'risida"gi Farmoni 29.04.2019-yildagi PF-5712-son.

The draft decision of the Cabinet of Ministers "On measures to further improve the conduct of science Olympiads among students of general secondary schools, academic lyceums and vocational schools" was placed for discussion. The regulation on the procedure for organizing and conducting science Olympiads among students of general secondary schools, academic lyceums and vocational schools and selecting participants of international Olympiads is approved. The list of international and regional science Olympiads, whose status is equal to the republican stage of the main Olympiads, is approved.

According to the regulation on the procedure for conducting science Olympiads and participation in international Olympiads among students of general secondary schools, academic lyceums and vocational schools, students of educational institutions science olympiads are divided into the following types:

- a) basic science Olympiad in general education subjects;
- b) Additional republican Olympiads organized by the Ministry of Public Education together with the Council of Ministers of the Republic of Karakalpakstan, regional and Tashkent city administrations;
- c) Olympiads for selection of candidates for the national team participating in international science Olympiads;
- g) online science Olympiads;
- d) non-governmental science Olympiads, etc.

The basic science Olympiad in general education subjects is included in the following four stages:

- a) the first stage - in educational institutions;
- b) the second stage - at the district (city) level (if the number of educational institutions in the territory of the district (city) exceeds 50, according to the decision of the organizing committee, the district stage of the Olympiad can be organized initially divided into regions);
- c) the third stage - on the scale of the Republic of Karakalpakstan, regions and the city of Tashkent;
- g) the fourth stage is held on the republican scale.

The basic science Olympiad is held between 9th-10th-11th grade students of state and non-state general secondary education institutions, 1st-2nd level of academic lyceums and vocational schools. Pupils participate in Olympiads voluntarily according to their wishes.

The principals of the educational institutions are responsible for the first round of the basic science Olympiad and will be held from the beginning of the relevant academic year to October 20. In the first stage, 3 winners (1st-2nd-3rd places) will be determined in the order of points in each discipline and recommended for participation in the second stage by the decision of the organizing committee. The heads of regional departments of public education are responsible for the second stage of the basic science Olympiad and will be held during the autumn vacation of the corresponding academic year. In the second stage, 3 winners (1st-2nd-3rd places) will be determined from among the participants in each subject and class, and will be recommended by the organizing committee to participate in the third stage based on the decision of the jury. . The heads of regional departments of public education are responsible for the third stage of the basic science Olympiad, and it will be held during the winter vacation of the relevant academic year. In the third stage, the students who take 1-2-3 places in the order of points among the participants in each subject and class section are the winners and they are given a QR-code certificate through the information system. The Ministry of Public Education and the Ministry of Higher and Secondary Special Education are responsible for the fourth stage of the Basic Science Olympiad and will be held in May-June of the corresponding academic year. In the fourth stage, students who take 1-2-3 places in the order of points in each discipline are the winners.

An important factor is the ability to correctly assess their psychological state and use measures for development in preparing students for science olympiads from the same educational subjects. Here, one of the most important tasks is to develop hygienic recommendations for students.²

² O'zbekiston Respublikasi Prezidenti Shavkat Mirziyoyevning Oliy Majlisga Murojaatnomasi. 25.01.2020 yil.

CONCLUSION

In short, the level of written work questions in the Olympiads held in the 2021-2022 and 2022-2023 academic years has become more complicated. That's why students have difficulty in solving problems of the III and IV stages of the Olympiad. To do this, students should thoroughly master the topics and laws of biology: matter and energy metabolism, protein biosynthesis, nucleic acids, photosynthesis, enzymes used in genetic engineering, and Hardy-Weinberg laws. It is also necessary to teach creative thinking by integrating biology, chemistry and physics.

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