

Regulations of the scientific olympiads of medical students of the country

Introduction

Since the middle of the eighties, with the motivation of identifying and flourishing students, the designing of the scientific olympiad of medical students was done by a group of interested faculty members in the country's medical universities and its first course was held in 2007. After holding several Olympiads in medical universities, the Olympiad continued from the seventh period until now. Considering the changes made in the conditions of the two headquarters in the Ministry of Health, Treatment and Medical Education, as well as the experiences gained in nearly a decade of holding the Olympiad, it seems necessary to review the regulations of the Scientific Olympiad. The present regulations have been developed in order to clarify the various dimensions of the Olympiad and to explain the organization and the process of holding it.

Article 1: Overall Objective: Identifying, guiding, growing, and prospering and provide opportunities to benefit the potential of talented medical students in the important priorities of the medical education system or health system through challenging and competitive assessments to provide the country's growth and solve the **country's major problems**.

Article 2: Objectives:

1. Promoting creative and critical thinking.
2. Encouraging teamwork.
3. Strengthening interdisciplinary activities.
4. Encouraging inter-university scientific exchanges.
5. Making efforts to improve the ability of students to criticize and solve the problems of the country's health system in an intimate, moral and lively atmosphere.
6. making efforts to direct scientific activities and develop new areas of knowledge in universities.

7. Trying to promote education and evaluation of learners in medical universities.

Article 3: Organizational structure of the Olympiad

The organizational structure of the Olympiad includes the following:

- Policy Council
- Technical Committee
- Specialized scientific committees
- Permanent Secretariat
- Executive Committee

3.1. The Policy Council is the highest authority of the Olympiad, which is responsible for reviewing and approving the general policies of the Olympiad.

3.1.1. Members

1. Deputy Minister of Education (Chairman of the Council and Chairman of the Olympiad)
2. Deputy Minister of Research and Technology of the Ministry
3. Student and Cultural Deputy of the Ministry
4. A representative of the Vice President for Science and Technology
5. Director of Elite Affairs and Talented Students of the Deputy of Education
6. Head of the Center for the Study and Development of Medical Education
7. Head of the Medical Education Evaluation Center of the Ministry
8. Four faculty members of universities with scientific and executive records in the field of Olympiad at the joint proposal of the Director of Affairs of the Elite and Talented Students of the Deputy Minister of Education and the Director of the Center for Studies and Development of Medical Education and with the approval of the Deputy Minister of Education.

3.1.2. Duties

1. Review and approval of the policies and guidelines of the Olympiad and its periodic review according to the proposal of the Technical Committee.
2. Approving the general procedures related to holding the Olympiad and its periodic review according to the proposal of the Technical Committee.
3. Approving the quality improvement programs of the Olympiad according to the proposal of the technical committee.
4. Excellent supervision over the process of holding the Olympiad.

3-1-3 - Decisions of the members of the policy-making council are issued by the Deputy Minister of Education.

3.1.4. The Director of Elite Affairs and Talented Students of the Deputy Minister of Education is the Secretary of the Policy Council.

3.1.5. The term of membership of the full members of the Policy Council is 4 years. Re-election will be unimpeded.

3.1.6. The meetings of the Policy Council are formalized with the presence of two thirds of the members and its decisions are valid by an absolute majority of the votes of the members with the right to vote.

3.2. Olympiad Technical Committee:

3.2.1 The technical committee consists of officials as well as those who have experience and expertise in the field of Olympiad, which under the high supervision of the Policy Council, is responsible for leading the Olympiad in various scientific and executive aspects.

3.2.2. The rulings of the members of the technical committee are issued by the Deputy Minister of Education.

3.2.3.: Members

1. Director of Elite Affairs and Talented Students of the Deputy of Education.
2. Head of the Center for the Study and Development of Medical Education.
3. Scientific Secretary of the Olympiad.
4. Executive Secretary of the Olympiad.

5. Three to five faculty members with experience and expertise in various areas of the Olympiad at the suggestion of the Director of Affairs of the Elite and Talented Students of the Deputy Minister of Education.

6. Two to three faculty members who specialize in medical education at the suggestion of the director of the Center for the Study and Development of Medical Education.

7. One of the selected students of the previous course olympiads at the suggestion of the olympiad secretariat and with the consent of the other members of the technical committee.

3.2.4. The Director of Affairs of the Elite and Talented Students of the Ministry of Education is the Chairman of the Technical Committee.

3.2.5. Faculty members from any of the fields must have all the following conditions:

- Excellence in the relevant field.
- At least 5 years of membership as a faculty member.
- Experience of cooperation in the scientific committees of the Olympiad in the relevant field.

Note: Each member of the faculty of the Technical Committee is elected for a four-year term and their re-election is unrestricted.

3.2.6. A student who is a member of the technical committee will not be able to participate in the Olympiad during the period of membership in the committee, and if he participates in the Olympiad, his membership will be canceled.

3.2.7. The student is a member of the technical committee for a period of two years and his re-election is not allowed.

3.2.8. Duties

1. Preparing and proposing general guidelines on the regulations related to holding student scientific olympiads to the policy council.
2. Proposing the areas of the Olympiad to the Policy Council.

3. Reviewing and approving the executive procedures proposed by the specialized scientific committees within the framework of the general procedure.
4. Approving the subjects of the Olympiad in the specified areas on the proposal of the relevant scientific committee.
5. Approval of the secretaries of the specialized scientific fields of the Olympiad on the proposal of the chairman of the technical committee proposed by the Permanent Secretariat of the Olympiad.
6. Review and approval of test executive protocols.
7. Approval of the members of the specialized scientific committees of the Olympiad areas on the proposal of the secretary of the relevant field.
8. Proposing a program to improve the quality of holding scientific olympiads to the policy-making council.
9. Monitoring and evaluating the implementation of the Olympiad.
10. Supervising the scientific publications of the Olympiad.
11. Developing policies related to providing equal learning opportunities for participants in the Olympiad.
12. Supervising research activities performed on information and test results and participants.

Note: During the review of the procedures or protocols mentioned in the above paragraph, the secretary of the relevant committee as a member with the right to vote participates in the meeting of the technical committee.

3.2.9. The meetings of the Technical Committee are formalized with the presence of two thirds of the members and its decisions are valid by an absolute majority of the votes of the members with the right to vote.

3.3. Specialized scientific committees of the Olympiad:

3.3.1. Each field has a specialized scientific committee.

3.3.2. Each specialized scientific committee consists of faculty members of the country's medical universities who are selected according to the areas of the Olympiad.

3.3.3.: Members

1. A minimum of five people and a maximum of ten specialists and experts in the field.
2. A faculty member as an educational consultant on tests and comprehensive assessment tools.

3.3.3.1. Each of the committees will have a secretary who will be appointed by the chairman of the technical committee upon the proposal of the chairman and the approval of the technical committee.

3.3.3.2. In order to ensure the maximum participation of universities in the scientific committees, among the faculty members introduced from the health areas with scientific records related to the subject, the secretary of the committee proposes the members of the scientific committee to the technical committee.

3.3.3.3. A maximum of one-fifth of the members of each of the academic committees may be from one university.

Note: In case of impossibility of providing appropriate cosmetic coverage or observing the ceiling of participation of universities in the scientific committee, the technical committee can carefully examine the reasons presented without observing clauses 3.3.3.2 and 3.3.3.3. of this article, to determine the composition of the committee members.

3.3.3.4. The members of the scientific committee are appointed for each period of the Olympiad and their verdict is issued after the approval of the technical committee by the chairman of the technical committee. Their re-election is unimpeded.

3.3.3.5. In order to transfer the experience of the previous course, the changes in the members of the scientific committee must be such that at least one third of the members of the scientific committee of the previous course are members of the next course.

3.3.3.6. The members of the technical committee and the scientific committees should not have any activity in the field of preparing the Olympiad teams in universities and beauty areas. If this clause is not observed, his membership in the technical committee and scientific committees will be canceled.

3.3.4. Duties

1. Proposing the executive procedure of the relevant field test to the Technical Committee.
2. Holding a workshop to justify experts and professors of medical universities in the field and related topics.
3. Collecting questions from universities and using them to design Olympiad exams.
4. Preparing questions and answers for each test and delivering it to the Olympiad headquarters and announcing the results in accordance with the protocols approved by the Executive Committee.
5. Evaluation of participants.
6. Reviewing and announcing the opinion on the protests of students and universities in accordance with the protocol approved by the Technical Committee.

3.3.5. The meetings of the scientific committees are formalized with the presence of two thirds of the members and its decisions are valid by an absolute majority of the votes of the members with the right to vote.

3.4. Executive Committee of the Olympiad:

3.4.1. The Executive Committee of the Olympiad is responsible for the proper implementation and security of each period of the Olympiad and it is necessary to provide the required credit while anticipating and providing the facilities.

3.4. 2. Members

1. Educational Vice Chancellor (Head of MIPAD)
2. Executive Deputy of the Deputy Minister of Education of the Ministry
3. Scientific Secretary of the Olympiad
4. Executive Secretary of the Olympiad
5. Director General of Security of the Ministry
6. Director of Public Relations, Deputy of Education

7. Two people on behalf of the University of Medical Sciences where the Olympiad is held.

8. Two experts from the Permanent Secretariat of the Olympiad.

3.4.4. The meetings of the Executive Committee are formalized with the presence of two thirds of the members and its decisions are valid by an absolute majority of the votes of the members with the right to vote.

3.5. Permanent Secretariat of the Olympiad:

3.5.1. The Permanent Secretariat of the Olympiad is located in the management of the affairs of the elite and talented students of the Ministry of Education.

3.5.2. The duties of the Secretariat of the Olympiad are:

1. Carrying out the expert work required to develop related procedures and protocols.
2. Scientific support from the technical committee and the scientific committees of the Olympiad regarding the holding of tests and evaluations.
3. Carrying out all correspondence and executive coordination required by the Policy Council, Technical Committee and Scientific Committees.
4. Evaluating the Olympiad based on the framework defined in the technical committee and present the results to the technical committee.
5. Preservation of documents and documents of the held Olympiads.

3.6. Scientific Secretary of the Olympiad:

3.6.1. A member of the faculty of the country's medical universities is appointed as the scientific secretary of each Olympiad upon the proposal of the chairman of the technical committee and the order of the Ministry of Education.

3.6.2. The duties of the scientific secretary of the Olympiad are:

1. Carrying out the necessary coordination with the secretaries of specialized scientific committees for the optimal design of questions and evaluation tools.
2. Establishing the necessary coordination between specialized scientific committees and the executive committee for the optimal holding of the Olympiad.

3. Ensuring the correct implementation of the procedures related to each of the specialized scientific committees.

3.7. Executive Secretary of the Olympiad:

3.7.1. A member of the faculty of the country's medical universities is appointed as the executive secretary of each Olympiad upon the proposal of the chairman of the technical committee and the order of the Ministry of Education.

3.7.2. The duties of the Executive Secretary of the Olympiad are:

1. Preparing memoranda of understanding for holding the Olympiad.
2. Advertising, information and coordination with universities.
3. Providing arrangements and facilities related to holding design sessions for questions, tests, judging and announcing the results.
4. Pursuing matters related to the preparation of the test site and the required facilities based on the method of the Olympiad.
5. Inviting supporters and monitoring the laws related to advertising and their activities.
6. Carrying out executive support affairs of the Olympiad (admission, accommodation, transportation, nutrition, opening, closing and extracurricular activities).
7. Receiving and announcing the results of the Olympiad based on the protocol approved by the technical committee.
8. Receiving and managing the workflow of protests in accordance with the protocol approved by the Technical Committee.
9. Preparing gifts and holding appreciation ceremonies.
10. Documenting, collecting and submitting documents related to the Olympiad held to the Secretariat of the Olympiad.

Article 4: Holding the Olympiad

4.1. Conditions of the participants:

4.1.1. All undergraduate and professional doctoral students of universities/ medical schools across the country employed or graduates who have passed less

than six months after graduation by the date of the first exam of the National Olympiad exam series in each course. They can participate in the Olympiad regardless of the total grade point average and year of study.

Note 1: The responsibility of selecting and introducing students participating in each field is the responsibility of the introducing university/school of medical sciences, and in case of discrepancy with the rules of the Olympiad, the technical committee will review and decide on the issue. It is also applicable.

Note 2: Any person who ranks first in the individual stage in each field, can not participate in the same field again.

Note 3: Participating in one field and gaining a rank in that field is not prohibited for participating in other fields in the next courses of the Olympiad.

4.2. Scopes and topics of the Olympiad:

4.2.1. The number and titles of the Olympiad areas are determined according to the proposal of the Technical Committee and the approval of the Policy Council for a period of three years.

4.2.2. The Technical Committee shall consider the following criteria in selecting the number of areas of the Olympiad:

1. Capacity of the executive system for holding the desired Olympiad based on workflow.
2. The custom of the number of domains in previous periods in order to avoid drastic changes.
3. Predicting the number of participants to participate in each of the desired areas.
4. Providing the necessary capacity in the country to prepare students to participate in the field.

4.2.3. The Technical Committee considers the following criteria in selecting the areas of the Olympiad:

1. Related to the field of medical sciences.
2. As an important issue in the health or education system of the country that has been neglected and needs attention.

3. There is the ability to solve problems and reason in them.
4. Having accessible scientific resources.
5. Having the minimum number of faculty members necessary to work as a member of the scientific committee and perform the necessary evaluations.
6. In terms of effectiveness and cost-effectiveness, the subject should be justified as the scope of the Olympiad.

4.2.4. The desired topic in each area of the Olympiad is determined and announced annually based on the proposal of the specialized committee and the approval of the technical committee. In any case, the time for announcing the topics of the next Olympiad should be up to two months after the final stage of the Olympiad each year.

4.3. Olympiad stages:

4.3.1. The Olympiad in each course consists of two sections, individual and group.

4.3.2. Details of the method of holding individual and group stages of the Olympiad are determined based on the method of preparation prepared by the Technical Committee and approved by the Policy Council.

4.4. Selection of the winners and prizes and facilities of the Olympiad:

4.4.1. The selection of the winners and the prizes and facilities of the Olympiad will be determined according to the procedure proposed by the Technical Committee and approved by the Policy Council of the Olympiad.

4.4.2. The use of facilities of elites and brilliant talents is subject to the conditions of the relevant regulations.

4.5. Management and ownership of Olympiad information:

4.5.1. The Olympiad Secretariat is in charge of maintaining and managing information related to the Olympiad periods.

4.5.2. Ownership of intellectual property and all scientific information of this Olympiad, including test scores, demographic information and questionnaires completed by participants will be with the Deputy Minister of Education.

4.5.3. Any publication of this information or their presentation in the form of speeches or posters in domestic and foreign conferences or presentation in Motahari, Kharazmi or Farabi festivals or the like is subject to obtaining written permission from the Ministry of Education.

4.5.4. The method of this matter is prepared by the Secretariat of the Olympiad and will be implemented after the approval of the technical committee.

4.6. Students' participation in holding the Olympiad

4.6.1. Considering the importance of students' participation in the process of designing and holding the Olympiad, the Permanent Secretariat of the Olympiad is obliged to prepare a specific program to promote student participation in various levels of design, implementation and evaluation of the Olympiad and submit it to the Technical Committee for approval. This regulation includes 4 articles and 6 notes from the time of notification.