

## **The Mechanics of the Mathematics Olympiad for Brainiacs**

The Brainiacs Mathematics Olympiad is a globally renowned competition aimed at encouraging creativity, innovation, and academic excellence in students from Grade 3 to Grade 12. The Olympiad is structured into two main stages: the Preliminary Round and the Global Round.

### **Preliminary Round Registration**

Students can register for the Olympiad through the official Brainiacs Olympiad website or via authorized representatives in their respective countries.

### **Dates**

The online qualifying exams for the Preliminary Round are scheduled for:

- Online I: - February 1, 2025 (Registration deadline: January 25, 2025)
- \$15 per participant - Online I Results: February 8, 2025
- Online II: - February 15, 2025 (Registration deadline: February 10, 2025)
- \$15 per participant
- Online II Results: - February 22, 2025

The two online rounds are the same, but feature different questions. Those who did not qualify for the global round in the first online round, along with those who were absent from the first round, can participate in the second round.

### **Format**

The exam consists of 20 questions divided into three levels of difficulty:

- Easy: 5 questions
- Normal: 10 questions
- Difficult: 5 questions

The exam consists of 20 multiple-choice questions to be completed within 75 minutes. Questions are tailored to the participant's educational level and divided into the following categories:

- Category 1: Grades 3 and 4
- Category 2: Grades 5 and 6
- Category 3: Grades 7 and 8
- Category 4: Grades 9 and 10
- Category 5: Grades 11 and 12

## Scoring

- Easy Questions: +4 points for each correct answer
- Normal Questions: +5 points for each correct answer
- Difficult Questions: +6 points for each correct answer
- Incorrect Answer: No negative marking for any question
- Unanswered Question: No points deducted

## Qualification

Participants scoring at least 40% in the Preliminary Round qualify for the Global Round. Every participant receives a Certificate of Participation.

## Recognition

In the Preliminary Round, medals are awarded based on the points earned by the participants:

- 40 to 49 : Honorable Mention Certificate
- 50 to 74 : Bronze Medal
- 75 to 89 : Silver Medal + \$50 discount on Global Round registration fees
- 90 to 100 : Gold Medal + \$100 discount on Global Round registration fees

## Global Round

The Global Round is the final stage of the competition, where participants showcase their knowledge and ability.

## Registration

Students can register for the Olympiad through the official Brainiacs Olympiad website or via authorized representatives in their respective countries.

## Dates and Venue

The inaugural Global Round of Brainiacs Olympiad will take place in Xiamen University Malaysia from April 24 to 30, 2025.

- Normal Registration Deadline: 8 March 2025 (\$1200 per participant)
- Late Registration Deadline: 1 April 2025 (\$1400 per participant)

## **Exam Format**

The exam consists of 20 questions divided into three levels of difficulty:

- Easy: 5 questions
- Normal: 5 questions
- Difficult: 5 questions
- Open-ended: 5 questions

The exam consists of 15 multiple-choice and 5 open-ended questions to be completed within 120 minutes.

## **Scoring For Global Round**

- Easy Questions: +3 points for each correct answer
- Normal Questions: +4 points for each correct answer
- Difficult Questions: +6 points for each correct answer
- Open ended Questions: +7 points for each correct answer
- Incorrect Answer: No negative marking for any question
- Unanswered Question: No points deducted

## **Global Round Recognition**

In the Global Round, medals are awarded based on the percentage distribution according to the number of participants.

- The top 10% (0-10%) of participants receive gold medals.
- The next 20% (11-30%) of participants receive silver medals.
- The next 30% (31-60%) of participants receive bronze medals.
- The next 15% (61-75%) receive honorable mentions.

## **Languages**

All of the questions in Preliminary and Global Rounds will be in 4 languages: English, Russian, French, and Spanish.