



# **BRAINIACS OLYMPIAD**

## **BRAINIACS OLYMPIAD BIOLOGY MECHANICS**



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## **Brainiacs Biology Olympiad Mechanics**

The Brainiacs Biology Olympiad is a competition aimed at encouraging creativity, innovation, and academic excellence in students from Grade 7 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:

- Round I: - November 15, 2025 (Registration deadline: November 14, 2025)
- Results: November 20, 2025
- Round II: - December 20, 2025 (Registration deadline: December 19, 2025)
- Results: - December 25, 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 questions to be completed within 75 minutes.

Each question contains four statements which you must indicate as True or False.

- If you answer correctly to all four statements, you will receive full points.
- If you answer correctly to only three statements, you will receive 60% of full points.
- If you answer correctly to only two statements, you will receive 20% of full point.
- If there is only one statement with the correct answer, you will not receive any points (0).

Pick the correct answer in your Answer Sheet (see the example below).  
In the table, T=True, F=False.

<b>NO</b>	<b>STATEMENT</b>	<b>T</b>	<b>F</b>
<b>1</b>	<b>A</b>		
	<b>B</b>		
	<b>C</b>		
	<b>D</b>		

Questions are tailored to the participant's educational level and divided into the following categories:

- Category 1: Grades 7-8
- Category 2: Grades 9-10
- Category 3: Grades 11-12

### **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
- 90 to 100 : Gold Medal

### **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 Global Round of Brainiacs Olympiad will take place in Xiamen University Malaysia from March 24 to 30, 2026.

- Early Registration Deadline: February 1, 2026
- Late Registration Deadline: March 1, 2026

### **Exam Days**

Global Round exam format is different from Preliminary Round. It has both Theoretical and Practical parts separated in two consecutive examination days.

## **Day 1. Theoretical Part**

This is the traditional portion of a biology exam it assesses understanding of biological principles, reasoning, and ability to explain living systems.

Examples:

- Answering questions on cell structure, genetics, ecology, and physiology
- Explaining biological processes (e.g., “Describe how photosynthesis produces glucose”)
- Interpreting diagrams, charts, or experimental results
- Conceptual and multiple-choice questions testing knowledge and comprehension

Purpose:

To test biological understanding, reasoning, and the ability to connect concepts across different areas of life science.

## **Day 1 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(difficult): 5 questions

The exam consists of 15 True/False questions and 5 open-ended problems to be completed within 120 minutes. True/False questions contain four statements which you must indicate as True or False.

If you answer correctly to all four statements, you will receive full points. If you answer correctly to only three statements, you will receive 60% of full points. If you answer correctly to only two statements, you will receive 20% of full point. If there is only one statement with the correct answer, you will not receive any points (0).

## **Day 1 Exam Scoring**

- Easy Problems: +3 points for each correct answer
- Normal Problems: +4 points for each correct answer
- Difficult Problems: +5 points for each correct answer

- Open-ended: +8 points for full correct solution and answer
- Incorrect Answer: No negative marking for any problem
- Unanswered Problem: No points deducted

### **Day 2. Practical Part**

The practical part checks how students can apply biological understanding in experimental, fieldwork, or data-based contexts.

Examples:

- Observing and identifying cells, tissues, or organisms using microscopes or charts
- Measuring biological parameters (e.g., pulse rate, plant growth, enzyme activity)
- Analyzing data from experiments or ecological studies

Purpose:

To test observation, recording, analysis, and understanding of biological processes through practical investigation and data interpretation.

### **Day 2 Exam Format and Scoring**

The exam consists of two tasks, each worth 50 points, to be completed within 120 minutes. Each task includes several questions that test a range of skills, including conceptual understanding, analytical thinking, and practical application.

### **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