

International Science Olympiad (ISO)	International Maths Olympiad (IMO)
English International Olympiad (EIO)	General Knowledge International Olympiad (GKIO)
International Computer Olympiad (ICO)	International Drawing Olympiad (IDO)
National Essay Olympiad (NESO)	National Social Studies Olympiad (NSSO)



**International Science
Olympiad**

Total Questions : 50

Time : 65 min

PATTERN & MARKING SCHEME			
Section	Subjective	HOT'S (High Order Thinking Section)	Logical Reasoning
No. of Questions	30	5	15
Marks per Ques.	1	1	1

SYLLABUS

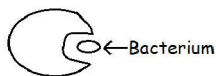
Section - 1 : Classification of substances, Acids, Bases and Salts, Organisation of living things, Food, Adaptation, Reproduction in living things, Control and co-ordination, Circulation, Heat, Electricity, Sound and its propagation, Light propagation, Water, Natural resources and Calamities, Waste water management

Section - 2 : High Order Thinking Question - Syllabus as per Section 1

Section - 3 : Series Completion and Alphabet Number, Analogy, Coding and Decoding, Blood Relations, Direction Sense, Logical Venn Diagrams, Puzzle, Mathematical Operations, Analytical Reasoning, Mirror and Water Images, Embedded Figures and Figure Formation, Figure Matrix, Ranking

Science

01. Which blood cell can do this function as shown below?



- a. Red blood cells
- c. Platelets

- b. White blood cells
- d. Denucleated red blood cells

02. What is the function of the hair in the nose?

- a. To secrete mucus
- b. To trap dust particles
- c. To protect the mucus glands
- d. To prevent germs from entering the lungs

High Order Thinking Section

03. The stem in the given figure shows swelling in its upper portion. Which of the following reasons is true about the swelling of the stem?

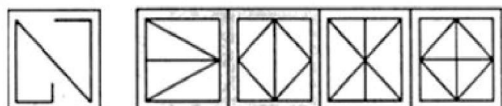


- a. Upward movement of food is blocked.
- b. Downward movement of food is blocked.
- c. Upward movement of water is blocked.
- d. Downward movement of water is blocked

Logical Reasoning

04. If Arun says, "Vimal' mother is the only daughter of my mother", how is Arun related to Ravi?
a. father b. brother c. grandfather d. none of these

05. Find out the alternative figure which contains figure (X) as its part.



(x)

1

2

3

4

a.1

b.2

c.3

d.4