



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 : Acid, base, salt, Life's internal secret, How do organisms reproduce, Wonders of life, Regulators, Mapping of genes, School of element, Amazing world of carbon compound, Metals and Non-metals, Electromagnetism, Our environment and management

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

Section - 3 : Series Completion and Alpha Numeric, Analogy, Classification, Coding and Decoding, Blood Relations, Puzzle Test, Direction Sense Test, Logical Venn Diagrams, Alphabet Test, Ranking, Mathematical Operations

Science

- 01. A person will have brown eyes, blue eyes, or black eyes depending upon the particular pigment present in the
 - a. Pupil
 - b. Cornea
 - c. Iris
 - d. Choroid
- 02. All the veins carry deoxygenated blood, except
 - a. Hepatic vein
 - b. Subclavian vein
 - c. Pulmonary vein
 - d. Portal vein

High Order Thinking Section

- 03. The magnetic line of forces is in the form of parallel straight lines because
 - a. Uniform magnetic field
 - b. Nature of core material
 - c. Air gap between its ends
 - d. Strength of current

Logical Reasoning

04. Identify the odd one out.



- a.
- b.
- c.
- d.

05. P, Q, R and S are four building in a residential complex. Each has different heights. P is only higher than S, Q is shorter than R but higher than P. Which of the following building is the highest?

- a. R
- b. P
- c. Q
- d. S