# Nation's No. 1 INDIAN TALENT OLYMPIAD

Class

6



International 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: Way To Health, Flora And Fauna, Around The World (social Studies), Explore Science, Conserve Our Environment, Language and Literature, Media And Entertainment (mass Communication), Sports Time, Math Magic, What's Going On?, Indian Culture, Cosmic World, Brain Mapping
- Section 2: High Order Thinking Section 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, Cubes and Dice

#### **General Knowledge**

- O1. This smallest fox lives in the deserts of North Africa. It has large ears that radiate body heat and help keep the fox cool. Name the animal.
  - a. Red fox
- b. Kit fox
- c. Grey fox
- d. Fennec fox
- 02. Proxima Centauri, the closest star to the Earth after sun is a type of
  - a. Blue giant star

b. Red dwarf star

c. Brown dwarf star

d. Yellow dwarf star

### **High Order Thinking Section**

- 03. The bark of cinchona tree is medicinally active containing a variety of alkaloids like quinine and quinidine which are used to cure certain diseases. Which of the following disease can be cured using quinine?
  - a. Diabetes
- b. Pneumonia
- c. Malaria
- d. Dengue

## **Logical Reasoning**

- 04. If the position of Vikas is 15th from one end and 13th from the other end in his class, what is the total number of students in his class?
  - a. 28

b. 24

c. 27

- d. 29
- 05. If STRAY is coded as TUSBZ, then how will MOURN be coded?
  - a. LPVSO
- b. NPVSO
- c. NVPSO
- d. NPSVO

#### **Answer Sheet**