The Gen X Series

IMO International Mathematics Olympiad
NSO National Science Olympiad
NCO National Cyber Olympiad
IEO International English Olympiad

OLYMPIAD SAMPLE PAPERS 2

Useful for Olympiads Conducted at School, National & International Levels

Compiled By
Shuchita Singhal

Strictly According to the Latest Syllabus of Olympiad

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Head Office
F-2/16, Ansari Road, Daryaganj,
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✉ info@vspublishers.com
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Regional Office
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Bank of India Lane) Bank Street, Koti,
Hyderabad - 500 095 ☎ 040-24737290
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You will hardly be able to differentiate the Sample Papers from the Actual Exam Papers. All this has been made possible by the people who have been in their respective fields for years – coaching and guiding students to succeed in this vital exam.

P.S. While every care has been taken to ensure correctness of content, if you come across any error, howsoever minor, anywhere in the book, do not hesitate to discuss with your teachers while pointing that out to us in no uncertain terms.

We wish you All the Best!

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INTERNATIONAL MATHEMATICS OLYMPIAD (IMO)

Mock Test Paper

1

Total Questions : 35 Time : 1 Hour

I M O

INTERNATIONAL MATHEMATICS OLYMPIAD

PATTERN AND MARKING SCHEME				
Section	**(1) Logical Reasoning**	**(2) Mathematical Reasoning**	**(3) Everyday Mathematics**	**(4) Achievers Section**
No. of Questions	10	10	10	5
Marks per Questions	1	1	1	2

SYLLABUS

Section – 1: Patterns, Odd One Out, Measuring Units, Geometrical Shapes, Analogy, Ranking Test, Grouping of Figures, Embedded Figures, Coding-Decoding.

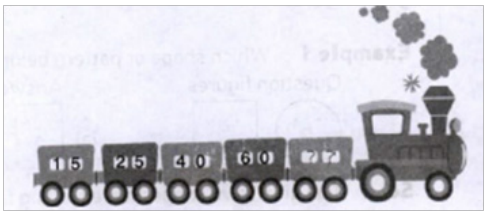
Section – 2: Numerals, number names and Number Sense (3-Digit Numbers), Computation Operations, Length, Weight, Capacity, Time, Temperature, Money, Lines, Shapes and Solids, Pictographs, Patterns.

Section – 3: Syllabus as per Section– 2.

Section – 4: Higher Order Thinking Questions – Syllabus as per Section – 2.

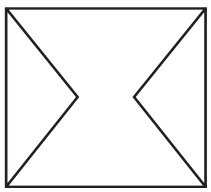
LOGICAL REASONING

1. What will come next in the sequence on the compartment?



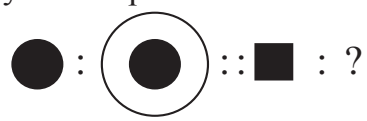
(A) 85 (B) 95
(C) 100 (D) 80

2. Count the number of straight lines in the given figure.



(A) 6 (B) 5
(C) 7 (D) 8

3. Complete the second pair in the same way as first pair.



(A)  (B) 

(C)  (D) 

4. Which of the following toys is costlier?

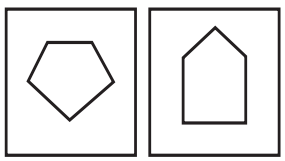
(A) 

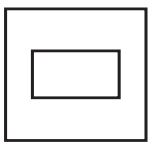
(B) 

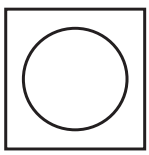
(C) 

(D) 

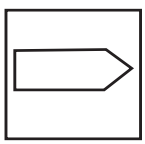
5. Which shape or pattern belongs to the group of shapes given below?



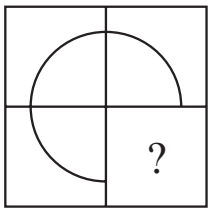
(A) 

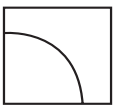
(B) 

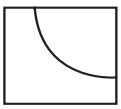
(C) 

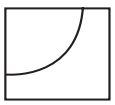
(D) 

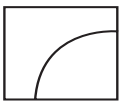
6. Choose the figure which will complete the following pattern.



(A) 

(B) 

(C) 

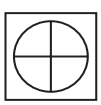
(D) 

7. If PET is coded as TEP, then find the code for SET.

(A) TSE (B) TES
(C) STA (D) SAT

8. Three out of four figures form a group. Identify the figure that does not fit into the group.

(A)  (B) 

(C)  (D) 

9. How many stairs are there between 5th stair and 12th stair?

(A) 8 (B) 7
(C) 6 (D) 5

10. Find the odd one out.

(A)  (B) 

(C)  (D) 