The Gen X Series

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

OLYMPIAD SAMPLE PAPERS 1

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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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, Spatial Understanding, Grouping, Analogy, Ranking Test, Problems based on Figures

Section – 2 : Numerals, Number Names, Number Sense (2 digit numbers), Addition, Subtraction, Lengths, Weights and Comparisons, Time, Money, Geometrical Shapes and Solids, Patterns.

Section – 3: Syllabus as per Section 2.

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

LOGICAL REASONING

1. Choose the item that does not belong to the group?

(A)  (B) 

(C)  (D) 

2. Find the matching pair.



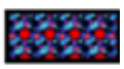
(A)  (B) 

(C)  (D) 

3. Look at the following table:

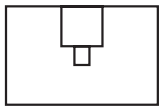


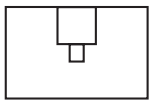
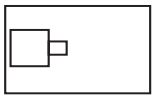
Which figure is in the centre of the table ?

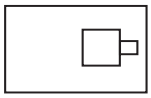
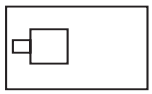
(A)  (B) 

(C)  (D) 

4. Which object is exactly the same as the one given?



(A)  (B) 

(C)  (D) 

5. Identify the shape of the given figure.



(A) Triangle (B) Rectangle
(C) Circle (D) Cuboid

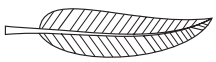
6. Identify the object that belongs to the group.



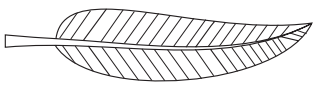
(A)  (B) 

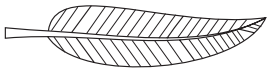
(C)  (D) 

7. Which leaf is the longest?

(A) 

(B) 

(C) 

(D) 

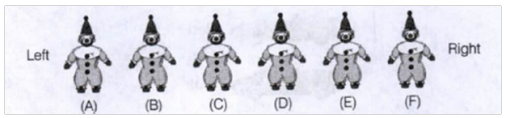
8. Complete the picture from the options given below.



(A)  (B) 

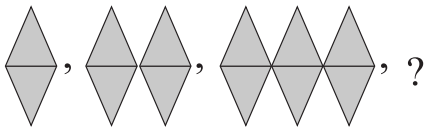
(C)  (D) 

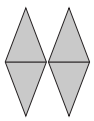
9. Which joker is third from the left end?

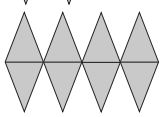


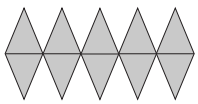
(A) D (B) F
(C) E (D) C

10. Which one comes next?



(A) 

(B) 

(C) 

(D) 