

# Syllabus & Format Of Olympiad



## International Foundation Mathematics Olympiad (IFMO)

\*The duration of the test paper is 60 minutes.

Total Questions: 50

Total Marks: 50

### SECTION A: Logical Reasoning

15 Questions

- > Reasoning
- > Grouping
- > Analogy
- > Odd One Out
- > Measurement
- > Days and Dates
- > Series Completion
- > Ranking Test
- > Patterns & Classification
- > Problems based on Figures
- > Coding - Decoding
- > Alphabet Test
- > Word Formation
- > Mirror Images
- > Water Images
- > Mathematical and Analytical Reasoning
- > Pictorial Representation Of Data
- > Embedded Figures
- > Figure Problems

### SECTION B: Mathematics

30 Questions

- > Real numbers
- > Polynomials
- > Linear Equations in Two variables
- > Lines & Angles
- > Triangles
- > Quadrilaterals
- > Area of Triangles and Parallelograms
- > Circles
- > Trigonometric Ratio & Identities
- > Mensuration
- > Statistics
- > Probability
- > Coordinate Geometry
- > Applied mathematics
- > Herons Formula

### SECTION C: Higher Order Thinking Skills

5 Questions

Syllabus is based on Section B

