

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

- > Sets
- > Relations and Functions
- > Trigonometric Functions
- > PMI
- > Complex Numbers
- > Quadratic Equations
- > Linear Inequalities
- > Permutations and Combinations
- > Binomial Theorem
- > Sequences and Series
- > Straight Lines
- > Conic Sections
- > Three Dimensional Geometry
- > Statistics
- > Probability
- > Limits and Derivatives
- > Mathematical Reasoning

SECTION C: Higher Order Thinking Skills

5 Questions

Syllabus is based on Section B

