

International Olympiad of Mathematics (IOM)

Exam Pattern

- **Duration:** 50 Minutes
- **Total Questions:** 40

Sections

Section	Subject
Section 1	Mathematics
Section 2	Reasoning and Aptitude
Section 3	Scholar's Zone

Syllabus

Topic	Chapters
Number System	<ul style="list-style-type: none">• Irrational Numbers• Real Numbers and their Decimal Expansions• Operations on Real Numbers• Laws of Exponents for Real Numbers
Algebra	<ul style="list-style-type: none">• Polynomials in One Variable• Zeroes of a Polynomial• Factorization of Polynomials
Geometry & Coordinate Geometry	<ul style="list-style-type: none">• Lines and Angles• Triangles• Quadrilaterals• Circles• Linear Equations in Two Variables• Solution of Linear Equations• Coordinate Geometry
Statistics	<ul style="list-style-type: none">• Bar Graphs• Histogram• Frequency Polygon
Mensuration	<ul style="list-style-type: none">• Surface Area and Volume of Right Circular Cones and Spheres• Heron's Formula
Reasoning and Aptitude	<ul style="list-style-type: none">• Reasoning and Aptitude
Scholar's Zone	<ul style="list-style-type: none">• Scholar's Zone

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