

SMART SOCIETY INTERNATIONAL MATHEMATICS OLYMPIAD
SSIMO

Class IX Mathematics Olympiad Syllabus



Total Marks: 50

Time: 1 hour

Unit I: Number System

Unit II: Algebra

- Introduction to Polynomials Marks
- Sequences and Progressions
- Exploring Algebraic Identities
- Linear Equations in Two Variables

Unit III: Coordinate Geometry

Unit IV: Geometry

- Introduction to Euclid's Geometry: Axioms and Postulates
- Lines and Angles
- Triangles - Congruence Theorems
- 4-gons (Quadrilaterals)
- Circles

Unit V: Mensuration

- Area and Perimeter
- Surface Area and Volume

Unit VI: Statistics and Probability

- Statistics
- Introduction to Probability