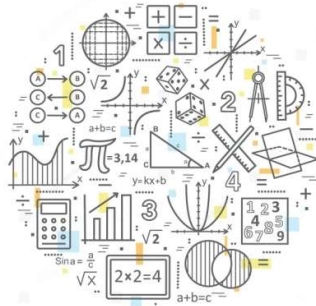




SMART SOCIETY INTERNATIONAL MATHEMATICS OLYMPIAD

SSIMO

Class XI Mathematics Olympiad Syllabus



Total Questions: 50

Time: 1 hr.

Section – 1 : Verbal and Non-Verbal Reasoning.

Section – 2 : Sets, Relations and Functions, Logarithms, Complex Numbers & Quadratic Equations, Linear Inequalities, Sequences and Series, Trigonometry, Straight Lines, Conic Sections, Permutations and Combinations, Binomial Theorem, Statistics, Limits and Derivatives, Probability, Introduction to 3-D Geometry.

OR

Section – 2 : Numbers, Quantification, Numerical Applications, Sets, Relations and Functions, Sequences and Series, Permutations and Combinations, Mathematical Reasoning, Limits, Continuity and Differentiability, Probability, Descriptive Statistics, Basics of Financial Mathematics, Straight Lines,

Circles.

Section – 3 : The syllabus of this section will be based on the syllabus of Quantitative Aptitude. Sets, Relations and Functions, Sequences and

Series, Permutations and Combinations, Limits and Derivatives, Straight Lines, Circles, Parabola, Probability.