

## SOF International Mathematical Olympiad Class 10 syllabus

### Section – 1 :

Verbal and Non-Verbal Reasoning.

### Section – 2 :

Real Numbers, Polynomials, Pair of Linear Equations in Two Variables, Quadratic Equations, Arithmetic Progressions, Triangles, Coordinate Geometry, Introduction to Trigonometry, Some Applications of Trigonometry, Circles, Constructions, Areas Related to Circles, Surface Areas and Volumes, Statistics, Probability.

### Section – 3 :

The Syllabus of this section will be based on the syllabus of Mathematical Reasoning and Quantitative Aptitude.

### Section – 4 :

Higher Order Thinking Questions - Syllabus as per Section – 2