

CLASS

7

**SAMPLE PAPER**

**Science  
Olympiad  
Foundation**

For Excellence in Science, Maths & IT

## **INTERNATIONAL MATHEMATICS OLYMPIAD**

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The actual test paper has 50 questions. Time allowed : 60 minutes. There are 3 sections, 20 questions in section I, 20 in section II and 10 in section III.

**Section I** : Logical Reasoning, **Section II** : Mathematical Reasoning &

**Section III** : Everyday Mathematics

### **SYLLABUS**

Integers, Properties of integers, Fractions, Multiplication and division of fractions, Representation of rational numbers on number line, Operations of rational numbers, Multiplication and Division of decimals, Conversion of units, Powers and Exponents, Algebraic Expressions, Simple linear equations, Concept of percentage, Profit and Loss, Simple interest, Understanding shapes, Properties of triangle, Symmetry congruence of triangles, Perimeter and Area, Circles, Bar Graphs, Simple probability.