IMO — Innovative Maths Olympiad

Pattern of Questions, Syllabus and Marking Scheme

Grade 10

Total Questions: 50
Time: 1.5 hr
Total Marks: 100
Marks per Question: 2
Negative Marking: No negative marks for wrong answers

Algebra
Real Numbers, Polynomials, Pair of Linear Equations, and Quadratic Equations · Progressions

Geometry
Triangles and Coordinate Geometry · Circles

Trigonometry
Introduction to Trigonometry and Applications of Trigonometry

Mensuration and Data
Surface Areas and Volumes, Statistics, and Probability

Instructions
1. This question paper contains 50 questions. All questions are compulsory.
2. The duration of the examination is 90 minutes.
3. Each question carries 2 marks. There are no negative marks for incorrect answers.
4. Students must use a blue or black ball-point pen to mark their answers on an OMR sheet.
5. Electronic devices, including calculators, mobile phones, and smartwatches, are strictly prohibited.