



POLAR OLYMPIAD 2025 SYLLABUS & PATTERN

Class: 11th Science

SYLLABUS



PHYSICS

- Units and Dimensions
- Motion in a straight line
- Motion in a plane
- Relative Motion
- Newton's Laws of motion
- Circular Motion
- Work, energy and power



MATHEMATICS

- Sets
- Relations And Functions
- Trigonometric Functions
- Complex Numbers And Quadratic Equations
- Binomial Theorem
- Sequences And Series



CHEMISTRY

- Some basic concepts of chemistry
- Structure of atom
- Classification of elements and periodicity in properties
- Chemical bonding and molecular structure
- Thermodynamics

PAPER PATTERN

Pattern Questions: 60 Objective Type Questions MCQs of 4 choices (Single Correct Answer)

Questions Distribution: Physics : 20, Chemistry : 20, Maths : 20

Marking Scheme: +4 For each correct answer (One mark will be deducted for each wrong answer)

Medium & Duration of Exam: Medium : Both Hindi and English | Duration : 2 Hours

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