



POLAR OLYMPIAD 2025 SYLLABUS & PATTERN

Class: 10th

SYLLABUS



PHYSICS

- Electricity
- Magnetic Effect of Electric Current
- Light (Reflection and Refraction)



CHEMISTRY

- Chemical Reactions and Equations
- Acids, Bases and Salts



BIOLOGY

- How do Organisms Reproduce?
- Life Process (Nutrition, Respiration & Transportation and Excretion)



MATHEMATICS

- Real Numbers
- Polynomials
- Pair of linear Equations in Two Variables
- Quadratic Equations
- Arithmetic Progression
- Triangles
- Coordinate Geometry
- Introduction to Trigonometry
- Some Applications of Trigonometry



LOGICAL REASONING & IQ

- Series : Number, Alphabet and Letter repeating series
- Direction sense
- Ranking and Ordering
- Mathematical Operation
- Puzzle
- Data Sufficiency

PAPER PATTERN

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

Questions Distribution: Physics -10, Chemistry - 10, Biology - 10, Mathematics - 20, Logical Reasoning & IQ -10

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

Medium & Duration of Exam: Exam Medium : English Only | Duration : 2 Hours

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Class 8th to 12th

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