

PRINCE OLYMPIAD SYLLABUS

Class : XI Mathematics



PHYSICS

30 Questions

- Physical World
- Units and Measurements
- Motion in a Straight Line
- Motion in a Plane
- Laws of Motion
- Work
- Energy and Power

CHEMISTRY

30 Questions

- Some Basic Concepts of Chemistry
- Structure of Atom
- Classification of Elements And Periodicity in Properties
- Chemical Bonding and Molecular Structure

MATHEMATICS

30 Questions

- Sets
- Relation & Function
- Trigonometric Function
- Complex Numbers
- Linear Inequalities
- Permutations & Combinations

MENTAL ABILITY

10 Questions

- Coding - Decoding
- Blood Relationship Test
- Direction & Distance
- Ranking & Ordering Test
- Cube & Dice
- Clock & Calendar
- Counting Figure
- Syllogism
- Analogy
- Classification
- Series
- Venn-diagram
- Arithmetic Reasoning
- Seating Arrangement
- Non-verbal Reasoning

EXAM PATTERN

- **Duration:** The exam paper consists of 100 multiple-choice questions to be solved in 1 hour and 30 minutes.
- **Medium:** Exam papers will be available in both Hindi and English.
- **Unattempted Questions:** No marks will be deducted for questions not attempted.
- **Correct Answers:** Each correct answer will be awarded 4 marks. **Wrong Answers:** 1 mark will be deducted for each wrong answer.