

# PRINCE OLYMPIAD SYLLABUS

Class : XII Mathematics



## PHYSICS

30 Questions

- Electric Charges and Fields
- Electrostatic Potential and Capacitance
- Current Electricity
- Moving Charges and Magnetism
- Magnetism and Matter

## CHEMISTRY

30 Questions

- Solutions
- Electrochemistry
- Chemical Kinetics
- D-F Block Element

## MATHEMATICS

30 Questions

- Relation & Function
- Inverse Trigonometric Function
- Matrix And Determinants
- Differentiation

## 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.