

# Syllabus & Pattern

# Class

#### **MATHS**

- Rational Numbers
- Linear equations in one variable
- Understanding quadrilaterals
- Data handling
- Squares and square roots
- Cubes and cube roots
- Comparing quantities
- Algebraic expressions and algebraic identities

# Reasoning

- Series
- Blood relation
- Directions test
- Number ranking and ordering test
- Sitting arrangement
- Coding decoding
- Mirror and water image

### Science

#### BIOLOGY

- Crop production and management
- Microorganisms; friend and foe
- Conservation of plant and animal

#### PHYSICS

- Force and pressure
- Friction

#### CHEMISTRY

- Metals and non metals
- Coal and petroleum

#### SST

- Resources
- · Land, soil, water, natural vegetation and wildlife resources
- Industry
- The Indian constitution
- Understanding secularism
- Why do we need a parliament
- Understanding laws
- Judiciary

## **EXAM PATTERN**

## **Pattern of Questions**

**60 Objective Type Questions** MCQs of 4 choices (Single Correct Answer) **Marking Scheme** +4 For Correct Answer (No Negative Marking)

#### **Questions Distribution**

Physics: 10, Chemistry - 10, Biology - 10 Maths - 10, Reasoning - 10, S.ST. - 10 Medium & Duration of Exam Medium: Both Hindi and English

**Duration: 2 Hours** 



