

### PHYSICS



- Heat and Temperature
- Motion and Time
- Electric current and its effects
- Light
- Force and Pressure
- Sound
- Chemical Effect of current

### BIOLOGY



- Transportation in Plants and Animals
- Reproduction in Plants
- Forests : Our Lifeline
- Crop Production and Management
- Microorganisms : Friend and Foe
- Conservation of Plants and Animals

### IQ



- Blood Relation
- Coding-Decoding
- Number Ranking
- Counting of Figures
- Cube and Dice
- Direction Sense
- Embedded Figure
- Sitting Arrangement
- Inserting the Missing Character
- Mathematical Operations
- Mirror Image
- Series
- Venn Diagram
- Water Image

### CHEMISTRY



- Physical and Chemical changes
- Waste Water Story
- Coal and Petroleum
- Combustion and Flame

### MATHS



- Fractions and Decimals
- Integers
- Simple Equations
- Perimeter and Area
- Visualising solid shapes
- Comparing Quantities
- Lines and Angles
- Linear Equations in one Variable (Std - VIII)
- Cubes and Cube Roots
- Exponents and Powers
- Rational Numbers
- Squares and Square Roots
- Understanding Quadrilaterals

### Exam Pattern

#### Pattern of Questions

80 Objective Type Questions

MCQs of 4 choices (single correct answer)

#### Marking Scheme

+4 for correct answer & -1 for wrong answer

(Negative Marking)

#### Question Distribution

Physics: 15, Chemistry: 15, Biology: 15, Maths: 15, IQ: 20

**Medium :** English Only

**Duration:** 2 Hours.

It is Compulsory to take seat in exam hall at least 30 minutes before test to fill OMR.