

### 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



- |  |   |
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| <ul style="list-style-type: none"> <li>• Blood Relation</li> <li>• Coding-Decoding</li> <li>• Number Ranking</li> <li>• Counting of Figures</li> <li>• Cube and Dice</li> <li>• Direction Sense</li> <li>• Embedded Figure</li> <li>• Sitting Arrangement</li> </ul> | <ul style="list-style-type: none"> <li>• Inserting the Missing Character</li> <li>• Mathematical Operations</li> <li>• Mirror Image</li> <li>• Series</li> <li>• Venn Diagram</li> <li>• Water Image</li> </ul> |
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### 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: 11, Chemistry: 11, Biology: 11, Maths: 25, IQ: 22

**Medium :** English Only

**Duration:** 2 Hours.

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