

### PHYSICS



- Sound
- Light
- Some Natural Phenomenon
- Motion
- Force and NLM
- Gravitation

### BIOLOGY



- Crop Production and Management
- Microorganisms – Friend and Foe
- Reproduction in Animals
- Reaching the Age of Adolescence
- The Fundamental Unit of Life
- Tissues

### IQ



- |                                   |                           |
|-----------------------------------|---------------------------|
| • Blood Relation                  | • Series                  |
| • Coding-Decoding                 | • Mathematical Operations |
| • Counting of Figures             | • Mirror Image            |
| • Dice, Cube                      | • Number Ranking          |
| • Direction Sense                 | • Venn Diagram            |
| • Embedded Figure                 | • Water Image             |
| • Puzzle Test                     |                           |
| • Inserting the Missing Character |                           |

### CHEMISTRY



- Combustion and Flame
- Fossil Fuels (Coal, Petroleum and Natural Gas)
- Matter in our surroundings
- Is Matter Around us Pure

### MATHS



- Algebraic Expression
- Identities & Factorisation
- Comparing Quantities
- Cubes and Cube Roots
- Direct and Inverse Proportions
- Exponents and Powers
- Mensuration
- Squares and Square Roots
- Understanding Quadrilaterals
- Linear Equations in one Variable
- Co-ordinate Geometry
- Number System
- Polynomial
- Lines and Angles
- Triangles

### 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.