

### PHYSICS



- Light
- Natural Phenomenon
- Stars and Solar System
- Motion
- Force and NLM
- Gravitation

### BIOLOGY



- Conservation of Plants and Animals
- Crop Production and Management
- Micro Organism : Friend and Foe
- Reproduction and Reaching the age of adolescence
- Food production and Management
- Cell Structure and Function
- Tissue

### IQ



- |                                |                          |
|--------------------------------|--------------------------|
| • Blood Relation               | • Letter Series          |
| • Coding – Decoding            | • Mathematical Operation |
| • Counting in Figure           | • Mirror Image           |
| • Cubes and Dice               | • Nonverbal Series       |
| • Direction Sense              | • Number Ranking         |
| • Embedded Figures             | • Number Series          |
| • Insert the Missing Character | • Venn – Diagram         |
|                                | • Water Image            |

### CHEMISTRY



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

### MATHS



- Algebraic Expression & Identities
- Comparing Quantity
- Cube and Cube Root
- Direct and Inverse Proportions
- Exponents and Power
- Mensuration
- Square and Square Roots
- Understanding Quadrilaterals
- Factorization
- Co-ordinate Geometry
- Number System
- Polynomial
- Linear Equation in one Variable
- Lines, Angles and Triangles

### OFFLINE 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.

### ONLINE EXAM PATTERN

#### Pattern of Questions

120 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: 20, Chemistry: 20, Biology: 20, Maths: 25, IQ: 35

**Medium :** English Only

**Duration :** 2 Hours. It is Compulsory to be logged in to the portal at least 30 minutes before the test to avoid technical issue.