

### PHYSICS



- Motion, Force and NLM
- Gravitation
- Sound
- Work Power and Energy
- Reflection of light
- Refraction of light
- Human Eye and Colourful world

### BIOLOGY



- Improvement in Food Resources
- Nutrition
- Respiration
- Transportation
- Excretion
- Control and Coordination

### IQ



- Blood Relation
- Calendar
- Clock
- Coding-Decoding
- Counting of Figures
- Cube
- Direction Sense
- Embedded Figure
- Mathematical Operations
- Inserting the Missing Character
- Series
- Number Ranking
- Puzzle Test
- Sitting Arrangement
- Syllogism

### CHEMISTRY



- Atoms and Molecules
- structure of the atom
- Chemical Reaction and equations
- Acid Bases and Salts
- Metals and Non-Metals

### MATHS



- Polynomials
- Circles (std-IX)
- Heron's Formula
- Statistics (std-IX)
- Surface area and Volumes
- Lines and Angles
- Triangles- Congruency & similarity of triangles
- Quadrilaterals
- Number System
- Co-ordinate Geometry
- Introduction to Trigonometry
- Linear Equation in Two Variables

### 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.