

#### PHYSICS



- Chemical effect of Current
- Light
- Friction
- Force and Pressure
- Sound
- Stars and Solar System
- Some Natural Phenomena

#### CHEMISTRY



- Synthetic Fibre and Plastic
- Metal and Non-Metal
- Coal and Petroleum
- Combustion and Flame
- Pollution

#### BIOLOGY



- The Fundamental Unit of Life-Cell
- Crop Production and management
- Micro Organisms- Friend or Foe
- Conservation of Plants and Animals
- Reproduction in Animals
- Reaching the age of Adolescence

#### MATHS



- Algebraic Expression, Identities and Factorisation
- Rational Number
- Graph and Data handling
- Exponents and Power
- Playing with Numbers
- Practical Geometry
- Comparing Quantity
- Squares and Square Roots
- Linear Equations in One Variable
- Representation of Three Dimensional Figures
- Cubes and Cube Roots
- Understanding Quadrilaterals
- Mensuration

#### IQ



- |                                |                          |
|--------------------------------|--------------------------|
| • Blood Relation               | • Mathematical Operation |
| • Coding-decoding              | • Mirror Image           |
| • Counting of Figure           | • Non-verbal Series      |
| • Cubes and Dice               | • Number Ranking         |
| • Direction Sense              | • Series                 |
| • Embedded Figure              | • Venn-Diagram           |
| • Insert the Missing Character | • Water Image            |

#### EXAM PATTERN

##### ♦ Paper Pattern

Part-1 : IQ, Part-2: Physics; Chemistry; Biology; Maths

##### ♦ Pattern of Questions

120 Questions

##### ♦ Duration of Exam : 90 Minutes

##### ♦ Marking Scheme

+4 for correct answer, -1 for wrong answer

No negative marking in Part-1

##### ♦ Question Distribution

Physics: 25, Chemistry: 25, Biology: 25, Maths: 25, IQ: 20

Website to appear in Online ASAT [www.asat.onlinetestseries.in](http://www.asat.onlinetestseries.in)

**Note:- It is compulsory to login at least 20 minutes before exam starting time.**