



# ALLEN Scholarship Admission Test (ASAT)

## SYLLABUS & PATTERN

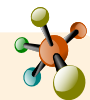
## CLASS-IX

### PHYSICS



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

### CHEMISTRY



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

### BIOLOGY



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

### MATHEMATICS



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

### IQ



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

## EXAM PATTERN

#### Paper Pattern

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

#### OFFLINE

**Pattern of Questions :**

80 Questions

**Duration of Exam :**

120 Minutes

#### Marking Scheme

+4 for correct answer, -1 for wrong answer

No negative marking in Part-1

#### Questions Distribution For Offline

Physics: 15, Chemistry: 15, Biology: 15 Mathematics : 15, IQ : 20

Note :-

**For Offline ASAT:-** It is compulsory to reach ASAT examination test center atleast **30 minutes** before exam starting time along with **ASAT admit card**.

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