

# ALLEN Scholarship Admission Test (ASAT)



## SYLLABUS & PATTERN

## CLASS-XI

### PHYSICS



- Human eye and colourful world
- Force
- Gravitation
- Reflection of Light
- Motion
- Refraction of Light
- Work Power and Energy

### CHEMISTRY



- Acid Bases, Salts
- Atom and molecules
- Atomic Structure
- Chemical Reaction
- Metal and Non-metal

### BIOLOGY



- Tissue
- Respiration
- Excretion
- Nutrition
- Transportation in Animal
- Transportation in Plants

### IQ



- Coding and Decoding
- Counting Figure
- Cubes and Dice
- Direction Sense
- Embedded Figure
- Mathematical Operation
- Missing Character
- Number Ranking
- Puzzle Test
- Sitting Arrangement
- Syllogism

### MATHEMATICS



- Co-ordinate Geometry
- Circles
- Pair of Linear Equation in two variable
- Heron's Formula
- Quadrilateral
- Real Number
- Similar Triangle
- Lines, Angles, Triangles- Congruency
- Trigonometry
- Polynomial
- Probability
- Statistics
- Surface area and Volumes

## 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: 20, Chemistry: 20, Biology: 20, Mathematics : 20, 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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