



# ALLEN Scholarship Admission Test (ASAT)

## SYLLABUS & PATTERN

## CLASS-IX

### PHYSICS



- Electric current and its effects
- Force and Pressure
- Heat and Temperature
- Light
- Motion and Time
- Sound

### CHEMISTRY



- Acid, Bases and Salts
- Metal and Non-Metal
- Physical and Chemical Changes
- Synthetic Fibre and Plastic
- Water

### BIOLOGY



- Cell Structure and Function
- Crop Production and management
- Forest Our Life line
- Micro Organisms: friends and foe
- Reproduction in Plants
- Weather, climate and adaptation of animals to climate

### MATHEMATICS



- Congruence of Triangle
- Cubes and Cube Roots
- Exponents and Power
- Factors and Decimal
- Integers
- Linear Equations in One Variable
- Perimeter and Area
- Practical Geometry
- Rational Number
- Squares and Square Roots
- Understanding Quadrilaterals
- Visualizing solid Shapes

### 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
- Number Series
- Venn-Diagram
- Water Image

## EXAM PATTERN

### Paper Pattern

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

#### ONLINE

#### OFFLINE

**Pattern of Questions :** 120 Questions 80 Questions

**Duration of Exam :** 90 Minutes 120 Minutes

### Marking Scheme

+4 for correct answer, -1 for wrong answer

No negative marking in Part-1

### Questions Distribution For Online

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

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

### Questions Distribution For Offline

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

Note :-

**For Online ASAT:-** It is compulsory to login at least **30 minutes** before exam starting time.

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

ALLEN CAREER INSTITUTE

CORPORATE OFFICE : ALLEN "SANKALP", CP-6, INDRA VIHAR, KOTA (RAJASTHAN)-324005

Tel.: +91-744-2757575, +91-744-3556677 | Mail: info@allen.ac.in | Website: www.allen.ac.in