



ALLEN Scholarship Admission Test (ASAT)

SYLLABUS & PATTERN

CLASS-XII

PHYSICS



- System of Particles & Rotational Motion
- Physical World and Measurement
- Kinematics
- Laws of Motion
- Work Power and Energy

CHEMISTRY



- Some Basic Concepts of Chemistry
- Redox Reaction
- Classification of Elements and Periodicity in Properties
- Structure of Atom
- Chemical Bonding and Molecular Structure

BIOLOGY



- Cell Unit of Life
- Animal Kingdom
- Living World
- Plant Kingdom
- Biological Classification
- Structural organisation in Animals
- Morphology of flowering plants
- Biomolecules

IQ



- Blood Relation
- Dices
- Coding and Decoding
- Calendar
- Cubes
- Counting of Figures
- Clock
- Direction Sense
- Series
- Ranking Test
- Water Mirror Images

MATHEMATICS



- Sequence and Series
- Quadratic Equations
- Complex Number
- Straight Lines

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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