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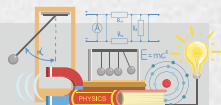
N-ASAT

NARAYANA ADMISSION & SCHOLARSHIP APTITUDE TEST

Syllabus & Pattern

Presently in Class 11

PHYSICS



- ❖ Motion in a Straight Line
- ❖ Motion in a Plane
- ❖ Laws of Motion
- ❖ Work, Energy and Power
- ❖ System of Particles and Rotational Motion
- ❖ Mechanical Properties of Fluids
- ❖ Simple Harmonic Motion

CHEMISTRY



- ❖ Some Basic Concepts of Chemistry
- ❖ Structure of Atom
- ❖ Classification of Elements and Periodicity in Properties
- ❖ Equilibrium
- ❖ Thermodynamics
- ❖ Organic Chemistry – Some Basic Principles and Techniques

REASONING ABILITY



- ❖ General questions of Verbal, Non-Verbal and Abstract Reasoning

MATHEMATICS



- ❖ Sets
- ❖ Relations and Functions
- ❖ Trigonometric Functions
- ❖ Complex Numbers & Quadratic Equations
- ❖ Permutations & Combinations
- ❖ Sequences and Series
- ❖ Straight Lines
- ❖ Conic Section
- ❖ Linear Inequalities

BIOLOGY



- ❖ Biological Classification
- ❖ Plant Kingdom
- ❖ Animal Kingdom
- ❖ Cell: The Unit of Life
- ❖ Cell Cycle and Cell Division
- ❖ Biomolecules
- ❖ Photosynthesis in Higher Plants
- ❖ Excretory Products and their Elimination
- ❖ Morphology of Flowering Plants
- ❖ Anatomy of Flowering Plants
- ❖ Breathing and Exchange of Gases
- ❖ Body Fluids and Circulation

Offline Exam Mode Pattern

Question Pattern: 75 Multiple Choice Questions with Single Correct Answer

Subject wise Question Distribution:
Physics-15, Chemistry-15, Biology /
Mathematics-20 & Reasoning Ability-25

Marking Scheme: +4 Marks for correct answer
& -1 for wrong answer

Medium: English Only

Test Time: 90 Minutes

Test Mode: Offline