

AIPMCET

All India Paramedical Common Entrance Test

Physics:-

Physical world and measurement
Kinematics
Laws of Motion
Work, Energy, and Power
The motion of System of Particles and Rigid Body
Gravitation
Properties of Bulk Matter
Thermodynamics
Behavior of Perfect Gas and Kinetic Theory
Oscillations and Waves
Electrostatics
Current Electricity
Magnetic Effects of Current and Magnetism
Electromagnetic Induction and Alternating Currents
Electromagnetic Waves
Optics
Dual Nature of Matter and Radiation
Atoms and Nuclei
Electronic Devices

Biology

Diversity in Living World
Structural Organisation in Animals and Plants
Cell Structure and Function
Plant Physiology
Human physiology
Reproduction
Genetics and Evolution
Biology and Human Welfare
Biotechnology and Its Applications
Ecology and environment

Chemistry :-

Some Basic Concepts of Chemistry

Structure of Atom

Classification of Elements and Periodicity in Properties

Chemical Bonding and Molecular Structure

States of Matter: Gases and Liquids

Thermodynamics

Equilibrium

Redox Reactions

Hydrogen

s-Block Element (Alkali and Alkaline earth metals)

Some p-Block Elements

Organic Chemistry- Some Basic Principles and Techniques

Hydrocarbons

Environmental Chemistry

Solid State

Solutions

Electrochemistry

Chemical Kinetics

Surface Chemistry

General Principles and Processes of Isolation of Elements

p- Block Elements

d and f Block Elements

Coordination Compounds

Haloalkanes and Haloarenes

Alcohols, Phenols, and Ethers

Aldehydes, Ketones and Carboxylic Acids

Organic Compounds Containing Nitrogen

Biomolecules

Polymers

Chemistry in Everyday Life

Maths :-

Sets And Functions
Trigonometric Functions
Relations & Functions
Algebra
Permutations And Combinations
Binomial Theorem
Complex Number and Quadratic Equations
Principle Of Mathematical Induction
Linear Inequalities
Sequence And Series
Mathematical Reasoning
Vectors
Conic Section
Calculus
Linear Programming
Three-Dimensional Geometry
Introduction To Three Dimensional Geometry
Probability

General and Psychometric Analysis :-

Psychological Assessment
General Science,
Quantitative Reasoning & Analysis and Research Aptitude
Reliability; Validity; Norm Development.
Learning and Memory
Problem Solving
Question-related to the social issue
Current Affairs
General Science