

IIT ASHRAM

ADMISSION CUM SCHOLARSHIP TEST SYLLABUS



Class-8th

Physics : Motion and Time, Force Friction & Pressure, Heat & Temperature, Light and Reflection, Earth and Universe, Electric Current & Its Effects.

Chemistry : Acids-Bases-Salts, Metals-Non metals, Synthetic Fibers-Plastics, Language of Chemistry, Water and Air, Changes around Us, Combustion Fuel-Flame.

Biology : Transportation in Plants and Animals, Respiration in Organisms, Forests - Our Life Line, Crop Production and Management, Cell Structure & Functions, Micro-Organisms.

Maths : Ratio & Proportion and Application of Percentage, Perimeter and Area, Algebraic Expression, Rational Numbers Linear Equations in One Variable, Understanding Quadrilaterals Squares and Square Roots, Cubes and Cube Roots, Exponents and Powers, Factorization.

Mental Ability : Visual Reasoning (Paper Folding / Cutting, Series Completion), Deductions-Syllogisms, Series Completion (Letters and Numbers), Direction/Distance Problems, Venn Diagrams, Verbal Classification-Odd Man Out, Coding-Decoding Blood Relationships.