

IIT ASHRAM

ADMISSION CUM SCHOLARSHIP TEST SYLLABUS



Class - 8th

Physics : Chemical effect of Electricity, Force and Pressure, Sound, some natural phenomena , Light and Reflection, Friction.

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

Biology : Nutrition and 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 Power, Data Handling, direction and indirect variation.

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.