

IIT ASHRAM

ADMISSION CUM SCHOLARSHIP TEST SYLLABUS



Class - 7th

Physics : Motion and Measurement of Distance and Time, Light, Shadows & Reflections, Fun with Magnets, Force and Energy Electric Circuits, Electric Current and its effects, Heat.

Chemistry : Basic concepts of Chemistry, Water and Air, Physical and chemical changes, Animal Fiber, Acids, Bases and Salts.

Biology : Garbage in Garbage out, Getting to know about Plants, Body Movements, The Living Organisms and their Surroundings, Nutrition in Plants & Animals, Weather, Climate and Adaptation of Animals to Climate.

Maths : Integers, Fractions & Decimals, Perimeter and Area Simple Equations, Lines and Angles, Rational Numbers, Algebraic Expressions, Exponents and Powers, Profit and Loss, Percentage. Ratio and proportion, Data Handling

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