

IIT ASHRAM

ADMISSION CUM SCHOLARSHIP TEST SYLLABUS



Class - 9th

Physics : Units and Measurements, Motion, Force and Newton's Laws of Motion, Gravitation, Pressure and Floatation, Work Power & Energy. Earth and Universe, Friction, Light.

Chemistry : Structure of Atom, Basics of Chemistry, Metals and Non-metals, Atoms and Molecules, Combustion and Flame Matter in Our Surroundings, Is Matter Around Us Pure.

Biology : Crop Production and Management, Micro-Organism: Friend and Foe, Conservation of Plants and Animals, Reproduction and Reaching the Age of Adolescence, Cell Structure & Function, Tissue

Maths : Linear Equations in One Variable, Understanding Quadrilaterals, Circle, Squares and Square Roots, Algebraic Expressions and Identities, Mensuration, Exponents and Powers, Factorization, Number system, Polynomial, Euclid's Geometry, Lines, Angles and Triangles, Ratio & Proportion and Application of Percentage, 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, Calendar Problems, Data Sufficiency, Statement/Conclusions, Data Interpretation, Verbal Reasoning