



CLASS – 10th

- Physics :** Newton's Laws of Motion, Work, Energy and Power, Gravitation, Electricity, Sound, Stars and Solar System, Reflection of Light Electricity, Magnetic effect of Electricity. Human eye and colourful world
- Chemistry :** Atoms and Molecules, Atomic Structure, Chemical Reaction and Equation, Acids, Bases and Salts, Metals and Non-metals, Mole Concept, Periodic Classification, carbon & its compound, oxidation number, Redox reaction.
- Biology :** Why do we fall ill?, Natural Resources, Diversity in Living Organisms, Life processes, Control & Coordination.
- Maths :** Number System, Polynomial, Linear Equations in Two Variables, Introduction Euclid's Geometry, Lines & Angles, Triangles- Congruency & Similarity of Triangles and Quadrilaterals Areas of Parallelograms and Triangles, Circles, Heron's Formula Surface Area and Volumes, Probability, Introduction to Trigonometry, Quadratic Equation Arithmetic Progression
- 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.