

# **Class-11**

## **(Science Content)**

### **Section 1: Physics**

<ul style="list-style-type: none"><li>• Physical World</li><li>• Motion in a Straight Line</li><li>• Laws of Motion</li><li>• Mechanical Properties of Solids and Fluid</li><li>• Thermodynamic</li><li>• Oscillations</li></ul>	<ul style="list-style-type: none"><li>• Units and Measurements</li><li>• Motion in a Plane</li><li>• Work Energy and Power</li><li>• Gravitation</li><li>• Thermal Properties of Matter</li><li>• Waves</li></ul>
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### **Section 2: CHEMISTRY**

<ul style="list-style-type: none"><li>• Structure of Atom</li><li>• States of Matter : Gases and Liquids</li><li>• Hydrogen</li><li>• Some P-Block Elements</li><li>• Hydrocarbons (Alkanes, Alkanes and Aromatic Hydrocarbon</li><li>• Redox Reactions</li></ul>	<ul style="list-style-type: none"><li>• Classification of Elements and Periodicity in Properties</li><li>• Chemical Bonding and Molecular Structure</li><li>• Thermodynamic</li><li>• Organic Chemistry Some Basic Principles and Techniques</li><li>• S-Block Elements</li><li>• Environmental Chemistry</li></ul>
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### **Section 3: MATHEMATICS**

<ul style="list-style-type: none"><li>• Sets</li><li>• Trigonometric Functions</li><li>• Complex Numbers and Quadratic Equations</li><li>• Permutations and Combinations</li><li>• Sequence and Series</li></ul>	<ul style="list-style-type: none"><li>• Relations and Functions</li><li>• Principle of Mathematics Induction</li><li>• Linear Inequalities</li><li>• Binomial Theorem</li><li>• Straight Lines</li></ul>
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