

# XI Standard – Syllabus

Test	Physics	Chemistry	Mathematics	Biology
<b>Unit Test – I</b>	<ol style="list-style-type: none"> <li>1. Measurement</li> <li>2. Electrostatics</li> <li>3. Current Electricity</li> </ol>	<ol style="list-style-type: none"> <li>1. Basic Principles &amp; Techniques</li> <li>2. Alkane</li> <li>3. Alkene</li> </ol>	<ol style="list-style-type: none"> <li>1. Determinants</li> <li>2. Matrices</li> <li>3. Logarithm</li> <li>4. Differentiation</li> <li>5. Limits</li> </ol>	<ol style="list-style-type: none"> <li>1. Diversity in Organisms</li> <li>2. Kingdom Plantae</li> <li>3. Study of Animal Tissues</li> <li>4. Study of Animal Type</li> </ol>
<b>Term – I</b>	<ol style="list-style-type: none"> <li>1. Refraction of Light</li> <li>2. Friction in Solids &amp; Liquids</li> <li>3. Forces</li> <li>4. Projectile Motion</li> <li>5. Scalars &amp; Vectors</li> </ol>	<ol style="list-style-type: none"> <li>1. Mole Concept</li> <li>2. Structure of atom</li> <li>3. Periodic Table</li> <li>4. Chemical Bonding</li> <li>5. Alkane</li> <li>6. Alkene</li> <li>7. S-Block</li> </ol>	<ol style="list-style-type: none"> <li>1. Sequence &amp; Series</li> <li>2. Complex Numbers</li> <li>3. Permutation &amp; combination</li> <li>4. Binomial Theorem</li> </ol>	<ol style="list-style-type: none"> <li>1. Biochemistry of Cell</li> <li>2. Animal Kingdom</li> <li>3. Human Nutrition</li> </ol>
<b>Unit Test – II</b>	<ol style="list-style-type: none"> <li>1. Sound Waves</li> <li>2. Thermal Expansion</li> </ol>	<ol style="list-style-type: none"> <li>1. Redox</li> <li>2. Alkyne &amp; Aromatic Compounds</li> </ol>	<ol style="list-style-type: none"> <li>1. Trigonometric Ratio</li> <li>2. Trigonometric Equation</li> <li>3. Factorization Formula</li> </ol>	<ol style="list-style-type: none"> <li>1. Cell Division</li> <li>2. Organization of Cell</li> <li>3. Human Respiration</li> </ol>
<b>Term – II</b>	<ol style="list-style-type: none"> <li>1. Ray Optics</li> <li>2. Magnetic Effect of Current</li> <li>3. Magnetism</li> <li>4. Electromagnetic Waves</li> <li>5. Current Electricity</li> <li>6. Scalars &amp; Vectors</li> <li>7. Refraction of Light</li> <li>8. Electrostatics</li> </ol>	<ol style="list-style-type: none"> <li>1. Redox</li> <li>2. Chemical Equilibrium</li> <li>3. Thermodynamics</li> <li>4. Alkane</li> <li>5. Alkyne</li> <li>6. Aromatic</li> <li>7. P-Block</li> </ol>	<ol style="list-style-type: none"> <li>1. Vectors</li> <li>2. Straight Line</li> <li>3. Probability</li> <li>4. Integration</li> </ol>	<ol style="list-style-type: none"> <li>1. Morphology of flowering plants</li> <li>2. Plant Water Relations &amp; Mineral Nutrition</li> <li>3. Plant Growth &amp; Development</li> <li>4. Human Skeleton &amp; Locomotion</li> </ol>

Test	Computer Science	Information Technology	Electrical Maintenance
<b>Unit Test – I</b>	<ol style="list-style-type: none"> <li>1. Number System</li> <li>2. Program analysis</li> <li>3. Logic Gates</li> </ol>	<ol style="list-style-type: none"> <li>1. Introduction to Information Technology</li> <li>2. MS Suite</li> </ol>	<ol style="list-style-type: none"> <li>1. Electrical Circuit</li> <li>2. Work Power and Energy</li> <li>3. Effects of Electric Current</li> <li>4. Alternating Current</li> <li>5. DC &amp; AC</li> </ol>
<b>Term – I</b>	<ol style="list-style-type: none"> <li>1. Number Systems</li> <li>2. Program Analysis</li> <li>3. C++ - Till Functions</li> <li>4. Multiplexers to Shift Registers</li> <li>5. Logic Gates</li> </ol>	<ol style="list-style-type: none"> <li>1. Multimedia</li> <li>2. HTML</li> <li>3. MS Suite</li> </ol>	<ol style="list-style-type: none"> <li>1. Types of Wires &amp; Wiring Accessories</li> <li>2. Wiring System &amp; Wiring Diagrams</li> <li>3. D.C Generators</li> <li>4. D.C Motors</li> </ol>
<b>Unit Test – II</b>	<ol style="list-style-type: none"> <li>1. C++ from functions to pointers</li> <li>2. Networking &amp; Internet</li> <li>3. Functional Hardware of PC</li> </ol>	<ol style="list-style-type: none"> <li>1. Introduction to Networking</li> <li>2. Web Browsers, Email and Messenger Utilities</li> </ol>	<ol style="list-style-type: none"> <li>1. Safety Measures</li> <li>2. Measuring Instruments</li> <li>3. Poly Phase Circuit</li> <li>4. 3 Phase Induction Motor</li> </ol>
<b>Term – II</b>	<ol style="list-style-type: none"> <li>1. Visual Basic</li> <li>2. C++ Full</li> <li>3. Peripheral Devices</li> <li>4. Networking &amp; Internet</li> </ol>	<ol style="list-style-type: none"> <li>1. Visual Basic .NET</li> <li>2. Introduction to JavaScript</li> <li>3. HTML</li> <li>4. Introduction to Networking</li> </ol>	<ol style="list-style-type: none"> <li>1. Measuring Instrument</li> <li>2. Types of Wires &amp; Wiring Accessories</li> <li>3. Wiring System &amp; Wiring Diagrams</li> <li>4. Poly Phase Circuit</li> <li>5. 3 Phase Induction Motor</li> <li>6. 1 Phase Induction Motor &amp; Synchronous Motor</li> <li>7. Starters</li> </ol>