



**FIRST TERM ENTRANCE EXAMINATION PORTION (2023-24)**

**CLASS- XII**

SUBJECT	PORTIONS
<b>ENGLISH</b>	1. Reading Comprehension: Unseen passage (factual, descriptive or literary /discursive or persuasive) Unseen passage for Note Making and Summarising 2. Creative Writing Skills and Grammar: Short Writing Tasks; Posters Long Writing Tasks; Official Letters: e.g. to school/college authorities (regarding admissions, school issues, requirements / suitability of courses); Debate Writing 3. Grammar: Determiners, Tenses, Re-ordering of Sentences
<b>PHYSICS</b>	1. Mechanical properties of solids 2. Mechanical properties of fluids 3. Thermal properties of matter 4. Thermodynamics 5. Kinetic theory 6. Oscillations 7. Waves
<b>MATHEMATICS</b>	1. Trigonometric functions 2. Permutations and Combinations 3. Conic Section 4. Introduction to three dimensional geometry 5. Derivatives 6. Probability

<b>CHEMISTRY</b>	<ol style="list-style-type: none"><li>1. Chemical Bonding and Molecular Structure</li><li>2. Chemical Thermodynamics</li><li>3. Equilibrium</li><li>4. Organic Chemistry: Some basic Principles and Techniques</li><li>5. Hydrocarbons</li></ol>
<b>BIOLOGY</b>	<ol style="list-style-type: none"><li>1. Photosynthesis in plants</li><li>2. Respiration in plants</li><li>3. Plant growth and development</li><li>4. Body fluids and circulation</li><li>5. Locomotion and movement</li><li>6. Chemical coordination and integration</li></ol>