

Portion for Entrance Examination 2016-17

Science Stream			
Subject	For Grade	From Grade	Portion
English	XII	XI	1. Reading Section : Comprehension Passage/Poem 2. Writing Section : Formal Letter Writing, Poster Designing Article and Report Writing. 3. Grammar: Tenses, Clauses, Determiners and Modals
MATHS	XII	XI	1. Sets 2. Relations and Functions 3. Trigonometry 4. Complex Numbers 5. Linear In Equations. 6. Conic Sections. 7. Binomial Theorem 8. Straight Lines. 9. Sequence and Series. 10. Three Dimensional Geometry. 11. Statistics 12. Probability 13. Limits and Derivatives
SCIENCE	XII	XI	<u>BIOLOGY-</u> Unit 1. Diversity in Living World Unit 2. Structural Organization in Plants and Animals. Unit 3. Cell Structure and Functions. Unit 4. Plant Physiology. Unit 5. Human Physiology. <u>PHYSICS-</u> 1. Physical World 2. Units and Measurement 3. Motion In a Straight line 4. Motion in a Plane. 5. Laws of Motion 6. Work Power and Energy.

				<p>7. System of Particle and Rotational Motion.</p> <p>8. Gravitation</p> <p>9. Mechanical Properties of Solids.</p> <p>10. Mechanical properties of Fluids.</p> <p>11. Thermal Properties of Matter.</p> <p>12. Thermodynamics.</p> <p>13. Kinetic Theory of Gases.</p> <p>14. Oscillation.</p> <p>15. Waves.</p> <p>CHEMISTRY-</p> <p>1. Some Basic Concepts of Chemistry.</p> <p>2. Structure of Atoms.</p> <p>3. Classification of Elements and Periodicity in Properties.</p> <p>4. Chemical Bonding and Molecular Structure.</p> <p>5. States of matter.</p> <p>6. Thermodynamics.</p> <p>7. Equilibrium.</p> <p>8. Redox Reactions.</p> <p>9. Hydrogen.</p> <p>10. The s Block elements</p> <p>11. The p Block elements</p> <p>12. Organic Chemistry some Basic Principles and techniques</p> <p>13. Hydrocarbons</p> <p>14. Environmental Chemistry</p>	
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