



**G.D. GOENKA PUBLIC SCHOOL, FIROZABAD**  
**(CBSE Affiliation No. 2131615)**  
**NH-2, Hazratpur, Firozabad**  
**(2017-2018)**  
**Full Year Syllabus for Class XI**

**ENGLISH**

<b>FIRST TERM</b>	<b>SECOND TERM</b>
<p>Hornbill: Poetry:</p> <ol style="list-style-type: none"> <li>1. A photograph (UT 1)</li> <li>2. Father to Son</li> <li>3. The Laburnum Top</li> </ol> <p>Prose:</p> <ol style="list-style-type: none"> <li>1. The Portrait of a Lady ( UT 1)</li> <li>2. The Ailing Planet: The Green Movement's Role</li> <li>3. Discovering Tut.....</li> <li>4. Landscape of the Soul</li> </ol> <p>Snapshots:</p> <ol style="list-style-type: none"> <li>1. The Summer of the beautiful white horse (UT 1)</li> <li>2. Albert Einstein at school</li> <li>3. The Address</li> </ol> <p>Reading :</p> <ol style="list-style-type: none"> <li>1. Comprehension 2. Note Making</li> </ol> <p>Writing Skills: -1. Notice</p> <ol style="list-style-type: none"> <li>2. Poster</li> <li>3. Advertisements 4. Article</li> <li>5. Speech/Debate</li> <li>6. Letters : (a) Enquiry (b) Placing orders (c) To the Editor (UT 1)</li> <li>3. Transformation/Reordering of Sentences</li> </ol> <p>Grammar:</p> <ol style="list-style-type: none"> <li>1. Editing Task 4. Gap Filling</li> <li>2. Omission</li> </ol>	<ol style="list-style-type: none"> <li>1. Childhood (UT 2)</li> <li>2. The Voice of the Rain</li> </ol> <p>Prose:</p> <ol style="list-style-type: none"> <li>1. We're Not Afraid to Die (UT 2)</li> <li>2. The Browning Version</li> <li>3. Silk Road</li> </ol> <p>Snapshots:</p> <ol style="list-style-type: none"> <li>1. Mother's Day</li> <li>2. Ranga's Marriage (UT 2)</li> <li>3. Birth</li> <li>4. The Ghat of the only World</li> <li>5. The Tale of Melon City</li> </ol> <p>Reading:</p> <ol style="list-style-type: none"> <li>1. Comprehension 2. Note Making</li> </ol> <p>Writing Skills:</p> <ol style="list-style-type: none"> <li>1. Notice, Poster, Advertisement 2. Letters (a) Complaint the Editor</li> <li>3. Article (b) Job Application</li> <li>4. Speech/Debate</li> <li>5. Report Writing (UT 2)</li> </ol> <p>Grammar: 1. Editing Task 4. Gap Filling</p>

**MATHS**

<b>FIRST TERM</b>	<b>SECOND TERM</b>
<p>Chapter 1: Sets (UT-1)</p> <p>Chapter 2: Relations &amp; Functions(UT-1)</p> <p>Chapter 3. Trigonometric Functions</p> <p>Chapter 4. Principle of Mathematical Induction</p> <p>Chapter 5. Complex numbers and Quadratic Equations</p> <p>Chapter 6. Linear Inequalities</p> <p>Chapter 7: Permutations and Combinations</p> <p>Chapter 12: Introduction of 3-Dimensional Geometry.</p>	<p>Chapter 8: Binomial Theorem(UT-2)</p> <p>Chapter 9. Sequences and Series(UT-2)</p> <p>Chapter 10: Straight lines</p> <p>Chapter 11: Conic Section</p> <p>Chapter 13: limits and derivatives</p> <p>Chapter 14: Mathematical Reasoning</p> <p>Chapter 15: Statistics</p> <p>Chapter 16: Probability</p>

**PHYSICS**

<b>FIRST TERM</b>	<b>SECOND TERM</b>
<b>UNIT TEST I</b>	<b>UNIT TEST II</b>
1) Unit I : Kinematics  <p style="text-align: center;"><b>TERM I</b></p> 1) Unit I : Physical World and Measurement 2) Unit II : Kinematic. 3) Unit III: Laws of Motion. 4) Unit IV :Work,Energy and Power . 5) Unit V : Motion of System of Particles and Rigid Body.	1) Unit VI : Gravitation  <p style="text-align: center;"><b>TERM II</b></p> 1) Unit I : Gravitation. 2) Unit VII : Properties of Bulk Matter. 3) Unit VIII : Thermodynamics. 4) Unit IX : Behaviour of Perfect Gases & Kinetics Theory of Gases. 5) Unit X : Oscillations & Waves. 6) Unit XI : Ray Optics.

### CHEMISTRY

<b>FIRST TERM</b>	<b>SECOND TERM</b>
<b><u>Unit TEST 1</u></b>	<b><u>Unit TEST II</u></b>
Chapter 1: Some Basic Concepts of Chemistry.  <p style="text-align: center;"><b><u>TERM 1</u></b></p> Chapter 1: Some Basic Concepts of Chemistry. Chapter 2: <b>Structure</b> of Atom. Chapter 3: Classification of Elements and Periodicity in Properties. Chapter 4: Chemical Bonding and Molecular <b>Structure</b> . <b>Chapter 8:</b> Redox Reactions.	Chapter 5: States of Matter.  <p style="text-align: center;"><b><u>TERM 2</u></b></p> Chapter 5: States of Matter. Chapter 6: <b>Thermodynamics</b> . Chapter 7: Equilibrium. Chapter 9. Hydrogen Chapter 10. The s -Block Elements Chapter 11. The p -Block Elements Chapter 12. Organic Chemistry- Some Basic Principles And Techniques Chapter 13. Hydrocarbons Chapter 14. Environmental Chemistry

### BIOLOGY

First Term	Second Term
<p><b><u>UNIT TEST-I</u></b></p> <ol style="list-style-type: none"> <li>1) The Living World</li> <li>2) Biological Classification</li> <li>3) Plant Kingdom</li> </ol> <p><b><u>TERM-I</u></b></p> <ol style="list-style-type: none"> <li>1) Ch-1 The Living World</li> <li>2) Ch-2 Biological Classification</li> <li>3) Ch-3 Plant Kingdom</li> <li>4) Ch-4 Animal Kingdom</li> <li>5) Ch-5 Morphology of Flowering Plants</li> <li>6) Ch-6 Anatomy of Flowering Plants</li> <li>7) Ch-7 Structural Organisation in Animals</li> <li>8) Ch-8 Cell: The Unit of Life</li> <li>9) Ch-9 Biomolecules</li> <li>10)Ch-10 Cell Cycle and Cell Division</li> </ol>	<p><b><u>UNIT TEST-II</u></b></p> <ol style="list-style-type: none"> <li>1)Ch-11 Trasport in Plants</li> <li>2)Ch-12 Mineral Nutrition</li> <li><b>3) Ch-13 Photosynthesis in Higher Plants</b></li> </ol> <p><b><u>TERM-II</u></b></p> <ol style="list-style-type: none"> <li>4)Ch-11 Transport in Plants</li> <li>5)Ch-12 Mineral Nutrition</li> <li>6)Ch-13 Photosynthesis</li> <li>7)Ch-14 Respiration in Plants</li> <li>8)Ch-15 Plant Growth and Development</li> <li>11)Ch-16 Digestion and Absorption</li> <li>12)Ch-17 Breathing and Exchange of Gases</li> <li>13)Ch-18 Body Fluids and Circulation</li> <li>14) Ch-19 Excretory Products and their Elimination</li> <li>15) Ch-20 Locomotion and Movement</li> <li>16)Ch-21 Neural Control and Coordination</li> <li>17)Ch-22 Chemical Coordination and Integration</li> </ol> <p><b>Note: All the chapters of first term will be included in Second Term.</b></p>

## ACCOUNTANCY

First Term	Second Term
<p>Unit test 1 Accountancy</p> <ol style="list-style-type: none"> <li>1). Introduction to Accounting</li> <li>2). Basic Accounting Terms</li> <li>3). Theory base of Accounting</li> </ol> <p>Term 1 Accountancy</p> <ol style="list-style-type: none"> <li>1). Introduction to accounting.</li> <li>2). Basic accounting terms.</li> <li>3). Accounting Equations.</li> <li>4). Origin of transaction.</li> <li>5). Cash book</li> <li>6). Subsidiary books.</li> <li>7). Bank reconciliation statement</li> </ol>	<p>Unit test 2 Accountancy</p> <ol style="list-style-type: none"> <li>1). Ledger</li> <li>2). Trail Balance</li> <li>3). Depreciation</li> </ol> <p>Term 2 Accountancy</p> <ol style="list-style-type: none"> <li>1). Provisions and Reserves</li> <li>2). Bills of exchange</li> <li>3). Rectification of errors.</li> <li>4). Final accounts</li> <li>5).Accounts from incomplete records.</li> <li>5). Introduction to computers.</li> </ol>

**BUSINESS STUDIES**

<b>First Term</b>	<b>Second Term</b>
Unit test 1 Business 1). Nature and purpose of business. Term 1 Business 1). Nature and purpose of business. 2). Forms of business organisation 3). Public private and global Enterprise. 4.). Business services. 5). Emerging modes of business.	. Unit test 2 Business 1). Social responsibilities and ethics of business 2). Sources of Business Finance. Term 2 Business 1). Small business 2). Internal trade 3). International business

**ECONOMICS**

<b>First Term</b>	<b>Second Term</b>
Micro Economics 1. Introduction – UT I 2. Consumer’s equilibrium – UT I 3. Demand 4. Elasticity of Demand 5. Production Function Statistics 1. Economics: An Introduction - UT I 2. Meaning, scope and importance of Statistics 3. Collection of data 4. Organisation of data 5. Tabular presentation 6. Diagrammatic presentation 7. Graphic presentation	Micro Economics 6. Cost – UT II 7. Revenue 8. Producer’s equilibrium 9. Supply 10. Main Market Forms 11. Pricedetermination and simple applications Statistics 8. Measures of central tendency –Arithmetic Mean – UT II 9. Measures of central tendency – Median and Mode 10. Measures of Dispersion 11. Measures of Correlation 12. Index Numbers

## PHYSICAL EDUCATION

First Term	Second Term
<p>I UNIT TEST</p> <ol style="list-style-type: none"> <li>1.Changing Trends&amp; Career in Physical Education</li> <li>2.Olympic value Education</li> </ol> <p>HALF YEARLY</p> <ol style="list-style-type: none"> <li>1.changing Trends &amp; Career in Physical Education</li> <li>2.Olympic Value Education</li> <li>3.physical Fitness, Wellness &amp; Lifestyle</li> <li>4.Physical Education &amp; Sports for CWSN</li> <li>5.Yoga</li> </ol>	<p>II UNIT TEST</p> <ol style="list-style-type: none"> <li>6.Physical Activity &amp; Leadership Training</li> <li>7.Test Measurement &amp; Evaluation</li> </ol> <p>ANNUAL</p> <ol style="list-style-type: none"> <li>1.changing Trends &amp; Career in Physical Education</li> <li>2.Olympic Value Education</li> <li>3..Physical Fitness, Wellness &amp; Lifestyle</li> <li>4.Physical Education &amp; Sports for CWSN</li> <li>5.Yoga</li> <li>6.Physical Activity &amp; leadership Training</li> <li>7.Test,Measurement &amp; Evaluation</li> <li>8.Fundamental of Anatomy, Physiology &amp; Kinesiology in Sports</li> <li>9.Psychology &amp; Sports</li> <li>10.Training and Doping in Sports</li> </ol>

## COMPUTER

First Term	Second Term
<ol style="list-style-type: none"> <li>1. Getting started with Python</li> <li>2. Python Fundamentals(UT-1)</li> <li>3. Data Handling(UT-1)</li> <li>4. Conditional and Iterative Statements</li> <li>5. String Manipulation</li> <li>6. Debugging Programs</li> <li>7. List Manipulation</li> </ol>	<ol style="list-style-type: none"> <li>8. Tuples</li> <li>9. Dictionaries</li> <li>12. Computer System Overview(UT-2)</li> <li>13. Data Representation(UT-2)</li> <li>14. Boolean Logic</li> <li>21.Cyber Safety</li> <li>22.Online Access and Computer Security</li> </ol> <p>Note:-All the chapters of Term-1 will be included in Term-2</p>

## FINE ARTS

First Term	Second Term
<p><b><u>UNIT TEST-I</u></b></p> <ol style="list-style-type: none"><li>1) Prehistoric rock painting</li><li>2) Art of the Indus valley</li><li>3) geometric contemporary (drawing)</li><li>4) landscape (colouring)</li><li>5) composition (shading)</li><li>6) nature study(colouring)</li></ol> <p><b><u>TERM-I</u></b></p> <ol style="list-style-type: none"><li>1) Art of the Mauryan period</li><li>2) Post Mauryan trends in indian art</li><li>3) Landscape (colouring)</li><li>4) Composition of vegetables</li><li>5) Madhubani (colouring)</li><li>6) Warli art (colouring)</li><li>7) Contemporary mural art</li></ol>	<p><b><u>UNIT TEST-II</u></b></p> <ol style="list-style-type: none"><li>1) later mural tradition</li><li>2) temple architecture and sculpture</li><li>3) composition of shapes</li><li>4) calligraphy (shading)</li><li>5) day science (colouring)</li></ol> <p><b><u>TERM-II</u></b></p> <ol style="list-style-type: none"><li>1) Indian bronze sculpture</li><li>2) some aspects of indo islamic architecture</li><li>3) composition of objects</li><li>4) doodle art (shading)</li><li>5) puppet (folk art)(colouring)</li><li>6) mandala art (shading)</li><li>10) abstract (colouring)</li></ol>