



**G.D. GOENKA PUBLIC SCHOOL, FIROZABAD**  
**(CBSE Affiliation No. 2131615)**  
**NH-2, Hazratpur, Firozabad**  
**(2021-2022)**  
**Syllabus for Class XII**

**ENGLISH**

<b>FIRST TERM</b>	<b>SECOND TERM</b>
<ul style="list-style-type: none"> <li>• *Flamingo</li> <li>• Chapter 1 - The Last Lesson. ( UT 1)</li> <li>• Chapter 2 - Lost Spring.</li> <li>• Chapter 3 - Deep Water.</li> <li>• Chapter 4 - The Rattrap.</li> <li>• Chapter 5 - Indigo.</li> <li>•</li> <li>• Poetry</li> <li>• 1.My Mother at Sixty-Six (UT 1)</li> <li>• 2. An Elementary School Classroom in A Slum</li> <li>• 3. Keeping Quiet</li> <li>• 4. A Thing of Beauty</li> <li>• 5. Aunt Jennifer's Tigers</li> <li>•</li> <li>• Vistas</li> <li>• 1.The Third Level (UT 1)</li> <li>• 2. The Tiger King</li> <li>• 3. The Enemy</li> <li>• 4. Should Wizard Hit Mommy</li> <li>• 5. On the face of It</li> <li>•</li> <li>• *Writing skills *</li> <li>• 1. Report writing</li> <li>• 2. Notice</li> <li>• 3. Letter writing (UT1)</li> </ul>	<ul style="list-style-type: none"> <li>*Flamingo</li> <li>Chapter 6 - Poets And Pancakes.</li> <li>Chapter 7 - The Interview.</li> <li>Chapter 8 - Going Places</li> <li>Poetry</li> <li>4. A Thing of Beauty</li> <li>5. Aunt Jennifer's Tigers (UT 2)</li> <li>Vistas</li> <li>6. Evans Tries an O-Level (UT2)</li> <li>7. Memories of Childhood</li> <li>• The Cutting of My Long Hair</li> <li>• We Too Are Human Beings</li> <li> </li> <li>*Writing skills *</li> <li>1. Advertisement</li> <li>2. Invitation (UT2)</li> <li>3. Debate</li> <li>4. Speech</li> </ul>

**MATHEMATICS**

<b>FIRST TERM</b>	<b>SECOND TERM</b>
Chapter 1. Relation & Function Chapter 2. Inverse Trigonometric functions(UT-1) Chapter 3. Matrices (UT-1) Chapter 4. Determinants Chapter 5. Continuity and Derivatives Chapter 6. Applications of the derivatives Chapter 7. Integration (Definite and Indefinite) (UT-2)	Chapter 8. Application of integrals(UT-2) Chapter 9. Differential Equations Chapter 10. Vectors Chapter 11. Three-dimensional Geometry Chapter 12. Linear Programming Chapter 13. Probability

**PHYSICS**

<b>FIRST TERM</b>	<b>SECOND TERM</b>
Unit I : Electrostatic.(UT-I)  Unit II : Current Electricity.  Unit III: Magnetic Effect of Current & Magnetism.  Unit IV :Electromagnetic Induction and Alternating Currents.	Unit V : Electromagnetic Waves  Unit VII :Dual Nature of Matter and Radiation  Unit VIII : Atom and Nuclei. (UT-II)  Unit IX : Electronic Devices.

Unit VI : Wave Optics	Unit X : Communication Systems.
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### CHEMISTRY

FIRST TERM	SECOND TERM
<u>CHAPTER 10:-Haloalkane and Haloarenes</u> <u>CHAPTER 11:-Alcohol, Phenols and Ether</u> <u>CHAPTER 12:-Aldehydes, Ketones and Carboxylic Acids</u> <u>CHAPTER 13:-Amines</u> <u>CHAPTER 14:-Biomolecules</u> <u>CHAPTER 1:-Solid State</u>	<u>CHAPTER 2:-Solutions</u> <u>CHAPTER 3:-Electrochemistry</u> <u>CHAPTER 4:-Chemical Kinetics</u> <u>CHAPTER 5:-Surface Chemistry</u> <u>CHAPTER 6:-General Principles and Processes of Isolation of Elements</u> <u>CHAPTER 7:-p -Block Elements</u> <u>CHAPTER 8:-d -and f -Block Elements</u> <u>CHAPTER 9:-Coordination compound</u> <u>CHAPTER 15:-Polymers</u> <u>CHAPTER 16:-Chemistry in Everyday Life</u>

### BIOLOGY

FIRST TERM	SECOND TERM
<u><b>UNIT TEST-I</b></u>  1) Ch-1 Reproduction in Organisms  2) Ch-2 Sexual Reproduction in Flowering Plants  3) Ch-3 Human Reproduction  <u><b>TERM-I</b></u> 1) Ch-1 Reproduction in Organisms  2) Ch-2 Sexual Reproduction in Flowering Plants  3) Ch-3 Human Reproduction  4) Ch-4 Reproductive Health 5) Ch-5 Principles of Inheritance and Variation 6) Ch-6 Molecular Basis of Inheritance 7) Ch-7 Evolution 8) Ch-8 Human Health and Disease 9) Ch-9 Strategies for Enhancement in Food Production 10)Ch-10 Microbes in Human Welfare	<u><b>UNIT TEST-II</b></u>  1)Ch-11 Biotechnology: Principles and Processes 2)Ch-12 Biotechnology and Its Applications  <u><b>TERM-II</b></u> 4)Ch-11 Biotechnology: Principles and Processes 5)Ch-12 Biotechnology and Its Applications 6)Ch-13 Organisms and Populations 7)Ch-14 Ecosystem 8)Ch-15 Biodiversity and Conservation 11)Ch-16 Environmental Issues  <b>Note: All the chapters of first term will be included in Second Term.</b>

**ECONOMICS**

<b>FIRST TERM</b>	<b>SECOND TERM</b>
<p align="center"><b>UNIT I</b></p> <p>National Income and Related Aggregates – Macro Economics</p> <p>Term I</p> <p><b><u>Part A - Introductory Macroeconomics</u></b></p> <ul style="list-style-type: none"> <li>● Money and Banking</li> </ul> <p><b><u>Part B - Indian Economic Development</u></b></p> <ul style="list-style-type: none"> <li>● Development Experience (1947-90) and Economic Reforms Since 1991</li> <li>● Current Challenges facing Indian Economy                             <ul style="list-style-type: none"> <li>○ Poverty</li> <li>○ Human Capital Formation in India</li> </ul> </li> </ul> <p><b>PROJECT WORK</b></p>	<p align="center"><b>UNIT- II</b></p> <p>Determination of Income and Employment – Macro Economics</p> <p>Rural Development - Indian Economic Development</p> <p>Term II</p> <p><b><u>Part A - Introductory Macroeconomics</u></b></p> <ul style="list-style-type: none"> <li>● Government Budget and the Economy</li> <li>● Balance of Payments</li> </ul> <p><b><u>Part B - Indian Economic Development</u></b></p> <ul style="list-style-type: none"> <li>● Current Challenges Facing Indian Economy                             <ul style="list-style-type: none"> <li>○ Employment : Growth, Informalisation and other issues</li> <li>○ Infrastructure</li> <li>○ Environment and Sustainable Development</li> </ul> </li> <li>● Development Experience of India – A Comparison With Neighbours</li> </ul> <p><b>PROJECT WORK</b></p>

**ACCOUNTANCY**

<b>FIRST TERM</b>	<b>SECOND TERM</b>
<p>Unit test 1 Accountancy</p> <p>Chapter 1:- Fundamentals of partnership</p> <p>Chapter 2:- Change in the Profit Sharing Ratio</p> <p>Term 1 Accountancy</p> <p>Chapter 1:- Fundamentals of partnership</p> <p>Chapter 2:- Change in the Profit Sharing Ratio</p> <p>Chapter 3:- Admission of Partner</p> <p>Chapter 4:- Retirement and death of a partner</p> <p>Chapter 5:- Dissolution of a partnership firm</p>	<p>Unit test 2 Accountancy</p> <p>Chapter 1:- Accounting for Share Capital</p> <p>Term 2 Accountancy</p> <p>Chapter 1:- Accounting for Share Capital</p> <p>Chapter 2:- Accounting for Debentures</p> <p>Chapter 3:- Redemption of Debentures</p> <p>Chapter 1:- Financial Statements of a Company</p> <p>Chapter 2:- Financial Statement Analysis</p> <p>Chapter 1:- Tools for Financial Statement Analysis</p> <p>Chapter 3:- Accounting Ratios</p> <p>Chapter 4:- Cash Flow Statement</p>

**BUSINESS STUDIES**

<b>FIRST TERM</b>	<b>SECOND TERM</b>
Unit test 1 Business Chapter 1:-Nature and Significance of Management Chapter 2:-Principles of Management Term 1 Business Chapter 1:-Nature and Significance of Management Chapter 2:-Principles of Management  Chapter 3:- Business Environment Chapter 4:- Planning Chapter 5:-Organizing	Unit test 2 Business Chapter 6:-Staffing Chapter 7:-Directing Term 2 Business Chapter 6:-Staffing Chapter 7:-Directing Chapter 1:-Financial Management Chapter 2:-Financial Markets Chapter 3:-Marketing Management Chapter 4:-Consumer Protection

**COMPUTER**

<b>FIRST TERM</b>	<b>SECOND TERM</b>
1.PythonRevision Tour(UT-1) 2.Python Revision Tour-II(UT-1) 3.Working With Functions 4.Using Python Libraries 5.File Handling 11.Computer Networks-I 12.Computer Networks-II	9.DataStructures-1:Linear Lists(UT-2) 6.Recursion 7.Idea of Algorithmic Efficiency 10.Data Structures- II: Stacks and Queues 13.My SQL SQL Revision Tour 14. More on SQL 16.Interface python with MY SQL

**PHYSICAL EDUCATION**

<b>FIRST TERM</b>	<b>SECOND TERM</b>
1.Planning in Sports(UT-1) 2.Sports & Nutrition (UT-1) 3.Yoga & Lifestyle 4.Physical Education & Sports for CWSN 5.Children & Women in Sports	6.Test & Measurement in sports(UT-II) 7.Physiology&Injuries in Sports (UT-II) 8.Biomechanics &Sports 9.Psychology& Sports 10.Training in Sports

**FINE ARTS**

<b>FIRST TERM</b>	<b>SECOND TERM</b>
<b><u>UNIT TEST-I</u></b>  1) Rajasthani school miniature painting - origin and development - sub schools	<b><u>UNIT TEST-II</u></b>  1) Deccan school of miniature painting # origin and development # main feature

- main feature
- appreciation of the following  
Painting

- \* Maru Ragini \* Chaugan player
- \* Krishna on swin \* Radha Bani thani

- 2) geometric pattern
- 3) landscape (colouring)
- 4) composition (shading)
- 5) nature study(colouring)

### TERM-I

- 1) The pahari school of miniature painting

- # origin and development
- # sub schools
- # main feature
- #appreciation of following paintings
- \*Krishna with Gopis
- \*Krishna with kinsman going Vrindavan

- 2) The Mughal school of miniature

- #origin and development
- #main features
- # appreciation of the following  
Painting
- \* Krishna lifting Mount goverdhan
- \* Kabir and raidas
- \* Marriage procession of dara  
Shiloh
- \* Falcon on a bird rest

- 2) Composition of vegetables
- 3)Madhubani (colouring)
- 4)Warli art (colouring)
- 5)Contemporary mural art

- # study of the method and material and  
appreciation of the following paintings:

- \*Ragini pat hamsika
- \* Hazrat Nizamuddin auliya and Amir  
Khusro
- \* Chand Bibi playing polo

- 2) bengal school of miniature painting
  - # national flag of India the symbolic  
significance of its form and the colours
- 3) composition of shapes
- 4) calligraphy (shading)
- 5) day science (colouring)

### TERM-II

- 1) Bangal school of painting

- # origin and development
- #introduction to the Bengal school  
painting

- # appreciation of the following painting

- \* Journeys end
- \* Shiv and sati
- \* Raas leela
- \* Radhika
- \* Meghdoot

- 2) the modern trends Indian art

- #introduction to the life and creative  
expression of the following:-

- \* Painting :- mother and child  
Haldi grinders  
Mother Teresa
- \* Graphic print:- whirlpool  
Children  
Devi  
Man woman and tree

- \* sculpture:-. Triumph of labour

- Santhal family
- Ganesha
- Cries un

- 4) composition of objects
- 5) doodle art (shading)
- 6)puppet (folk art)(colouring)
- 7) mandala art (shading)
- 8) abstract (colouring)