

**G D GOENKA PUBLIC SCHOOL MODEL TOWN DELHI**  
**SYLLABUS CLASS XII (2024-25)**

S.No.	SUBJECT	PRE BOARD EXAMINATION 1	PRE BOARD EXAMINATION 2
1	ENGLISH	<p><b>Reading Section-</b> Two Passages for Comprehension.  <b>Writing Skills</b> - Notice Writing            Invitation &amp; Replies            Article Writing            Report Writing            Letter to Editor.            Job Application  <b>Literature: Prose (Flamingo)</b>            Ch 1 The Last Lesson            Ch 2 Lost Spring            Ch 3 Deep water            Ch 4 Rattrap            Ch 5 Indigo            Ch 6 Poets and Pancakes  <b>Poetry ( Flamingo)</b>            Ch 1 My Mother at Sixty-Six      Ch 2 Keeping Quiet            Ch 3 A Thing of Beauty      Ch 4 A Roadside Stand            Ch 5 Aunt Jennifer's Tigers  <b>Literature: Prose ( Vistas)</b>            Ch1 The Third Level    Ch 2 The Tiger King            Ch 3 Journey to the End of the Earth      Ch 4 Enemy            Ch 5 On the Face of It</p>	<p><b>Reading Section-</b> Two Passages for Comprehension.  <b>Writing Skills</b> - Notice Writing            Invitation &amp; Replies            Article Writing            Report Writing            Letter to Editor.            Job Application  <b>Literature: Prose (Flamingo)</b>            Ch 1 The Last Lesson            Ch 2 Lost Spring            Ch 3 Deep water            Ch 4 Rattrap            Ch 5 Indigo            Ch 6 Poets and Pancakes            Ch 7 Interview            Ch 8-Going Places  <b>Poetry ( Flamingo)</b>            Ch 1 My Mother at Sixty-Six      Ch 2 Keeping Quiet            Ch 3 A Thing of Beauty      Ch 4 A Roadside Stand            Ch 5 Aunt Jennifer's Tigers  <b>Literature: Prose ( Vistas)</b>            Ch1 The Third Level    Ch 2 The Tiger King            Ch 3 Journey to the End of the Earth            Ch 4 Enemy      Ch 5 On the Face of It            Ch 6 Memories of Childhood</p>

2	PHYSICS	<p>Chapter–1: Electric Charges and Fields  Chapter–2: Electrostatic Potential and Capacitance  Chapter–3: Current Electricity  Chapter–4: Moving Charges and Magnetism  Chapter–5: Magnetism and Matter  Chapter–6: Electromagnetic Induction  Chapter–7: Alternating Current  Chapter–8: Electromagnetic Waves  Chapter–9: Ray Optics and Optical Instruments  Chapter-10: Wave Optics  Chapter–11: Dual Nature of Radiation and Matter</p>	<p>Chapter–1: Electric Charges and Fields  Chapter–2: Electrostatic Potential and Capacitance  Chapter–3: Current Electricity  Chapter–4: Moving Charges and Magnetism  Chapter–5: Magnetism and Matter  Chapter–6: Electromagnetic Induction  Chapter–7: Alternating Current  Chapter–8: Electromagnetic Waves  Chapter–9: Ray Optics and Optical Instruments  Chapter-10: Wave Optics  Chapter–11: Dual Nature of Radiation and Matter  Chapter–12: Atoms  Chapter–13: Nuclei  Chapter–14: Semiconductor Electronics: Materials, Devices and Simple Circuits</p>
3	CHEMISTRY	<p>Chapter 1:Solutions  Chapter2: Electrochemistry  Chapter3: Chemical Kinetics  Chapter 6:Haloalkanes and Haloarenes  Chapter7: Alcohols, Phenols and Ethers  Chapter 8: Aldehydes, Ketones and Carboxylic Acids  Chapter9: Amines  Chapter 10:Biomolecules</p>	<p>Chapter 1:Solutions  Chapter2: Electrochemistry  Chapter3: Chemical Kinetics  Chapter4: d -and f -Block Elements  Chapter 5: Coordination Compounds  Chapter 6:Haloalkanes and Haloarenes  Chapter7: Alcohols, Phenols and Ethers  Chapter 8: Aldehydes, Ketones and Carboxylic Acids  Chapter9: Amines  Chapter 10:Biomolecules</p>

4	BIOLOGY	<p>Chapter 1-SEXUAL REPRODUCTION IN FLOWERING PLANTS</p> <p>Chapter 2-HUMAN REPRODUCTION</p> <p>Chapter 3-REPRODUCTIVE HEALTH</p> <p>Chapter 4-PRINCIPLES OF INHERITANCE AND VARIATION</p> <p>Chapter 5 MOLECULAR BASIS OF INHERITANCE</p> <p>Chapter 6 EVOLUTION</p> <p>Chapter 7 HUMAN HEALTH AND DISEASE</p> <p>Chapter 8 MICROBES IN HUMAN WELFARE</p> <p>Chapter 9 BIOTECHNOLOGY PRINCIPLES</p> <p>Chapter 10 BIOTECHNOLOGY AND ITS APPLICATIONS</p> <p>Chapter 11 ORGANISMS AND POPULATIONS</p>	<p>Chapter 1-SEXUAL REPRODUCTION IN FLOWERING PLANTS</p> <p>Chapter 2-HUMAN REPRODUCTION</p> <p>Chapter 3-REPRODUCTIVE HEALTH</p> <p>Chapter 4-PRINCIPLES OF INHERITANCE AND VARIATION</p> <p>Chapter 5 MOLECULAR BASIS OF INHERITANCE</p> <p>Chapter 6 EVOLUTION</p> <p>Chapter 7 HUMAN HEALTH AND DISEASE</p> <p>Chapter 8 MICROBES IN HUMAN WELFARE</p> <p>Chapter 9 BIOTECHNOLOGY PRINCIPLES</p> <p>Chapter 10 BIOTECHNOLOGY AND ITS APPLICATIONS</p> <p>Chapter 11 ORGANISMS AND POPULATIONS</p> <p>Chapter 12 ECOSYSTEM</p> <p>Chapter 13 BIODIVERSITY AND CONSERVATION</p>
5	COMPUTER SCIENCE	<p>Unit 1: Computational Thinking and Programming – 2</p> <p>Unit 2: Computer Networks</p> <p>Unit 3: Database Management</p>	<p>Unit 1: Computational Thinking and Programming – 2</p> <p>Unit 2: Computer Networks</p> <p>Unit 3: Database Management</p>
6	INFORMATICS PRACTICES	<p>Unit-1 : Querying and SQL Functions</p> <p>Unit-2 :Data Handling using Pandas-I</p> <p>Unit-3 &amp; 4: Data Handling using Pandas-I (CSV and Data Visualization)</p> <p>Unit-5 : Internet and Web</p>	<p>Unit-1 : Querying and SQL Functions</p> <p>Unit-2 :Data Handling using Pandas-I</p> <p>Unit-3 &amp; 4: Data Handling using Pandas-I(CSV and Data Visualization)</p> <p>Unit-5 : Internet and Web</p> <p>Unit-6: Societal Impacts</p>

7	MATHEMATICS	<p>CH-1: Relations &amp; Functions  Ch-2: Inverse Trigonometric Functions  Ch-3: Matrices  Ch-4: Determinants  CH-5: Continuity &amp; Differentiability  CH-6: Application of Derivatives  CH-7: Integrals  CH-8: Application of Integrals  CH-10: Vector Algebra  CH-11: 3 D Geometry  CH-12: Linear Programming</p>	<p>CH-1: Relations &amp; Functions  Ch-2: Inverse Trigonometric Functions  Ch-3: Matrices  Ch-4: Determinants  CH-5: Continuity &amp; Differentiability  CH-6: Application of Derivatives  CH-7: Integrals  CH-8: Application of Integrals  CH-9: Differential Equations  CH-10: Vector Algebra  CH-11: 3 D Geometry  CH-12: Linear Programming  CH-13: Probability</p>
8	ACCOUNTS	<p><b>BOOK 1:-</b> Ch1:-Fundamentals- Partnership Firms  Ch 2:- Goodwill  Ch 3:-Change in the Profit-Sharing Ratio among the existing partners  Ch 4:-Admission of a partner  Ch 5:-Retirement of a partner  Ch 6:-Death of a partner  Ch 7:-Dissolution of a partnership firm  <b>Book 2</b> CH 1:-Accounting for Share Capital - Issue of Share Capital  CH 2:- Accounting for Share Capital - Issue of Debentures  Financial Statements of a Company  <b>BOOK 3:-</b> CH 1:-Financial Statement of a Company  Ch 2:- Financial Statement Analysis  Ch 5:-Tools for Financial Analysis :-Comparative and Common Size</p>	<p><b>BOOK 1:-</b> Ch1:-Fundamentals- Partnership Firms  Ch 2:- Goodwill  Ch 3:-Change in the Profit-Sharing Ratio among the existing partners  Ch 4:-Admission of a partner  Ch 5:-Retirement of a partner  Ch 6:-Death of a partner  Ch 7:-Dissolution of a partnership firm  <b>Book 2:-</b> CH 1:-Accounting for Share Capital - Issue of Share Capital  CH 2:- Accounting for Share Capital - Issue of Debentures  Financial Statements of a Company  <b>BOOK 3:-</b> CH 1:-Financial Statement of a Company  Ch 2:- Financial Statement Analysis  CH 3:Accounting Ratios  CH 4:- Cash Flow Statement  Ch 5:-Tools for Financial Analysis:- Comapartive Statements and Common Size Statements</p>

9	ECONOMICS	<p><b>Part A</b>  <b>Introductory Macroeconomics</b>  Unit- National Income and Related Aggregates  Unit- Money and Banking  Unit- Government Budget and the Economy  Unit- Balance of Payments</p> <p><b>Part B</b>  <b>Indian Economic Development</b>  Unit- Development Experience (1947-90) and Economic Reforms since 1991  Unit- Current Challenges facing Indian Economy  Unit- Development Experience of India – A Comparison with Neighbours</p>	<p><b>Part A</b>  <b>Introductory Macroeconomics</b>  Unit- National Income and Related Aggregates  Unit- Money and Banking  Unit- Determination of Income and Employment  Unit- Government Budget and the Economy  Unit- Balance of Payments</p> <p><b>Part B</b>  <b>Indian Economic Development</b>  Unit- Development Experience (1947-90) and Economic Reforms since 1991  Unit- Current Challenges facing Indian Economy  Unit- Development Experience of India – A Comparison with Neighbours</p>
10	BUSINESS STUDIES	Unit 1: Nature & Significance of management Unit 2: Principles of Management Unit 3: Business Environment Unit 4: Planning Unit 5: Organising Unit 6: Staffing Unit 7: Directing Unit 8: Controlling Unit 9: Financial Management Unit 11: Marketing Management Unit 12: Consumer Protection	Unit 1: Nature & Significance of management Unit 2: Principles of Management Unit 3: Business Environment Unit 4: Planning Unit 5: Organising Unit 6: Staffing Unit 7: Directing. Unit 8: Controlling Unit 9: Financial Management Unit 10: Financial Market. Unit 11: Marketing Management Unit 12: Consumer Protection

11	EP	Unit 1 Entrepreneurial Opportunity Unit 2 Entrepreneurial Planning Unit 3 Enterprise Marketing Unit 4 Enterprise Growth Strategies. Unit 5 Business Arithmetic. Unit 6 Resource Mobilisation	Unit 1 Entrepreneurial Opportunity Unit 2 Entrepreneurial Planning Unit 3 Enterprise Marketing Unit 4 Enterprise Growth Strategies Unit 5 Business Arithmetic. Unit 6 Resource Mobilisation
12	PAINTING	<u><b>Theory</b></u> Miniature Painting -(Pala, Central and Jain School ) Unit 1 The Rajasthani and Pahari Schools of Miniature Painting Unit 2- The Mughal and Deccan Schools of Miniature Painting Unit 3- The Bengal School of Painting and The Modern Trends in Indian Art <u><b>Practical</b></u> Composition Study, Still Life Study and Portfolio Evaluation	<u><b>Theory</b></u> Miniature Painting -(Pala, Central and Jain School ) Unit 1 The Rajasthani and Pahari Schools of Miniature Painting Unit 2- The Mughal and Deccan Schools of Miniature Painting Unit 3- The Bengal School of Painting and The Modern Trends in Indian Art <u><b>Practical</b></u> Composition Study, Still Life Study and Portfolio Evaluation
13	POLITICAL SCIENCE	<b>Book 1-Contemporary World Politics</b> Chapter- 1 The End of Bipolarity Chapter 2- Contemporary Centres of Power Chapter 3- Contemporary South Asia Chapter 4- International Organisations Chapter 5- Security in the Contemporary World Chapter 6- Environment and Natural Resources Chapter 7- Globalisation <b>Book 2- Politics in India since Independence</b> Chapter1- Challenges of Nation Building Chapter 2- Era of One-Party Dominance Chapter 3- Politics of Planned Development Chapter 4- India's External Relations Chapter 5- Challenges to and Restoration of the Congress System Chapter 6- The Crisis of Democratic Order	<b>Book 1-Contemporary World Politics</b> Chapter- 1 The End of Bipolarity Chapter 2- Contemporary Centres of Power Chapter 3- Contemporary South Asia Chapter 4- International Organisations Chapter 5- Security in the Contemporary World Chapter 6- Environment and Natural Resources Chapter 7- Globalisation <b>Book 2- Politics in India since Independence</b> Chapter1- Challenges of Nation Building Chapter 2- Era of One-Party Dominance Chapter 3- Politics of Planned Development Chapter 4- India's External Relations Chapter 5 - Challenges to and Restoration of the Congress System Chapter 6- The Crisis of Democratic Order Chapter 7- Regional Aspirations Chapter 8- Recent Developments in Indian Politics

14	HISTORY	<p>Theme 1 Bricks, Beads and Bones  Theme 2 Kings, Farmers and Towns  Theme 3 Kinship, Caste and Class  Theme 4 Thinkers, Beliefs and Buildings  Theme 5. Through The Eyes of the Travellers  Theme 6 Bhakti -Sufi Traditions  Theme 7 An Imperial Capital: Vijayanagara  Theme 8. Peasants, Farmers And Zamindars  Theme 9 Colonialism and The Countryside  Theme 10 Rebels and the Raj</p>	<p>Theme 1 Bricks, Beads and Bones  Theme 2 Kings, Farmers and Towns  Theme 3 Kinship, Caste and Class  Theme 4 Thinkers, Beliefs and Buildings  Theme 5. Through The Eyes of the Travellers  Theme 6 Bhakti -Sufi Traditions  Theme 7 An Imperial Capital: Vijayanagara  Theme 8. Peasants, Farmers And Zamindars  Theme 9 Colonialism and The Countryside  Theme 10 Rebels and the Raj  Theme 11 Mahatma Gandhi and the Nationalist Movement  Theme 12 Framing the Constitution</p>
15	SOCIOLOGY	<p>BOOK 1  Ch 2 Demographic Structure of Indian society  Ch 3 Social Institutions: Continuity and change  Ch 5 Patterns of social exclusion and inequality  Ch 6 Challenges to cultural diversity</p> <p>BOOK 2  Ch 1 Structural Changes  Ch 2 Cultural Changes  Ch 4 Social change and development in rural society  Ch 5 Social change and development in industrial society</p>	<p>BOOK 1  Ch 2 Demographic Structure of Indian society  Ch 3 Social Institutions: Continuity and change  Ch 5 Patterns of social exclusion and inequality  Ch 6 Challenges to cultural diversity</p> <p>BOOK 2  Ch 1 Structural Changes  Ch 2 Cultural Changes  Ch 4 Social change and development in rural society  Ch 5 Social change and development in industrial society  Ch 8 Social Movements</p>
16	LEGAL STUDIES	<p>Unit 1 Judiciary  Unit 2 ADR  Unit 3 Buisness Laws  Unit 4 General Laws  Unit 5 Concept of Human Rights  Unit 6 International Laws  Unit 7 Legal Profession</p>	<p>Unit 1 Judiciary  Unit 2 ADR  Unit 3 Buisness Laws  Unit 4 General Laws  Unit 5 Concept of Human Rights  Unit 6 International Laws  Unit 7 Legal Profession  Unit 8 Legal Services</p>

17	PSYCHOLOGY	Unit 1 Variations in psychological attributes Unit 2 Self and Personality Unit 3 Meeting Life Challenges Unit 4 Psychological Disorders Unit 5 Therapeutic Relationships Unit 6 Attitude and social cognition	Unit 1 Variations in psychological attributes Unit 2 Self and Personality Unit 3 Meeting Life Challenges Unit 4 Psychological Disorders Unit 5 Therapeutic Relationships Unit 6 Attitude and social cognition Unit 7 Social Influence and group processes
18	PHYSICAL EDUCATION	Unit-1. Management of Sporting Events. Unit-2. Children and Women in Sports. Unit-3. Yoga as Preventive measure for Lifestyle Disease. Unit-4. Physical Education & Sports for (CWSN). Unit-5. Sports & Nutrition. Unit-6. Test and Measurement in Sports. Unit-7. Physiology & Injuries in Sport. Unit-8. Biomechanics and Sports.	Unit-1. Management of Sporting Events. Unit-2. Children and Women in Sports. Unit-3. Yoga as Preventive measure for Lifestyle Disease. Unit-4. Physical Education & Sports for (CWSN). Unit-5. Sports & Nutrition. Unit-6. Test and Measurement in Sports. Unit-7. Physiology & Injuries in Sport. Unit-8. Biomechanics and Sports. Unit-9. Sports Psychology and Sports. Unit-10. Training in Sports
19	APPLIED MATHEMATICS	<b>Unit-2. Algebra</b> Matrices Determinants <b>Unit-3. Calculus</b> Differentiation Applications of Derivatives Integration & Its Applications Differential equations & Modeling <b>Unit-4. Probability distributions</b> <b>Unit-5. Inferential Statistics</b> <b>Unit-6. Time Based Data</b> <b>Unit-7. Financial Mathematics.</b> Perpetuity, Sinking Funds and EMI Returns, Growth & Depreciation <b>Unit-8. Linear Programming</b>	<b>Unit-1. Numbers, quantification &amp; Numerical Applications</b> Numbers, quantification & Numerical Applications Numerical Inequalities <b>Unit-2. Algebra</b> Matrices Determinants <b>Unit-3. Calculus</b> Differentiation Applications of Derivatives Integration & Its Applications Differential equations & Modeling <b>Unit-4. Probability distributions</b> <b>Unit-5. Inferential Statistics</b> <b>Unit-6. Time Based Data</b> <b>Unit-7. Financial Mathematics.</b> Perpetuity, Sinking Funds and EMI Returns, Growth & Depreciation <b>Unit-8. Linear Programming</b>



20	YOGA	Part- A Employability Skills Part- B Unit- 1: Introduction to Yoga and Yogic practices -II Unit-2: Introduction to Yoga Texts -II Unit-3:Yoga for Health Promotion -II	Part- A Employability Skills Part- B Unit- 1: Introduction to Yoga and Yogic practices -II Unit-2: Introduction to Yoga Texts -II Unit-3:Yoga for Health Promotion -II
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