

Syllabus – Grade – XII – 2024-25

Subject: English:

Flamingo: 1. The Last Lesson, 2. The Lost Spring, 3. Deep Waters, 4. The Rattrap, 5. Indigo, 6. Poet & Pancakes 7. The Interview, 8 Going Places. **Poem-** 1. My Mother at Sixty Six, 3.Keeping Quiet, 4 A Thing of Beauty. **Vistas:** 1. The Third Level 2. The Tiger King 3. Journey to the end of the Earth, 4. Enemy, 6. On the Face of It 8. Memories of Childhood

Writing Skill: Notice Writing, Invitation Cards (Replies), Letter Writing & Job Application, Article Writing & Report Writing, Invitation Cards (Formal and informal)

Subject: Mathematics

1. Relations and Functions, 2. Inverse Trigonometric Functions, 3. Matrices, 4. Determinants 5. Continuity and Differentiability, 6. Application of Derivatives, 7. Integrals, 8. Application of Integrals, 9. Differential Equations, 10. Vector Algebra, 11. Three Dimensional Geometry, 12. Linear Programming, 13. Probability

Subject: Biology

Ch.2 -Sexual Reproduction in Flowering Plants, Ch.3- Human Reproduction, Ch.4- Reproductive Health, Ch-5: Principles of Inheritance and Variation, Ch-6: Molecular Basis of Inheritance Search for genetic material and DNA, Ch-7 : Evolution, Ch.8: Human Health and Diseases, Ch.-10: Microbes in Human Welfare, Ch.-11: Biotechnology - Principles and Processes, Ch.-12: Biotechnology and its Applications, Ch.-13: Organisms and Populations, Ch.-14: Ecosystem, Ch.-15: Biodiversity and its Conservation .

Subject: Physics

Ch1: Electric Charges and Fields, Ch2: Electrostatic Potential and Capacitance, Ch3: Current Electricity, Ch4: Moving Charges and Magnetism, Ch5: Magnetism and Matter, Ch6: Electromagnetic Induction, Ch8: Electromagnetic Waves, Ch9: Ray Optics and Optical Instruments, Ch10: Wave Optics, Ch11: Dual Nature of Radiation and Matter, Ch12: Atoms, Ch13: Nuclei, Ch14: Semiconductor Electronics, Materials, Devices and Simple Circuits

Subject: Chemistry

Chapter 1 Solution, Ch2 Electrochemistry , Ch3 Chemical kinetics, Ch4 d and f block, elements, Ch5 Coordination compounds, Ch6 Haloalkanes and Haloarenes, Ch7 Alcohols, Phenols and Ethers, Ch8 Aldehydes, Ketones and Carboxylic acid, Ch9 Amines, Ch10 Biomolecules

Subject: Physical Education

Ch - 1 Management of sporting events, Ch - 2 Children and women in sports, Ch - 3 Yoga as Preventive measure for Lifestyle Disease, Ch - 4 Physical Education and Sports for CWSN, Ch - 5 Sports and Nutrition, Ch - 6 Test and measurement in sports, Ch - 7 Physiology and Injuries in Sports, Ch - 8 Biomechanics and Sports, Ch - 9 Psychology and Sports, Ch - 10 Training in Sports

Subject: Computer Science

Python Revision Tour I, Python Revision Tour II, Working With Functions, File Handling, Data Structure -I, Data Structure- II, Communication and Network Concepts, Relational Databases, • Structured Query Language, Interface of python with an SQL database

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Subject: Legal Studies

Unit 1 Ch- Judiciary, Unit 2 Ch- 1 ADR, Unit 3 Ch- 1 Contract, Ch- 2 Tort, Ch- 3 Law of Property, Ch- 4 Intellectual property Law, Unit 4, Ch- 1 Law and Sustainable development, Ch- 2 Legal Entities, Ch- 3 Criminal Law in India, Unit 5 Ch- 1 and 2 Human Rights and Complaint Mechanism, Unit 6 Ch1 International Law, Unit 7 Ch 1 Legal Profession in India, Unit 8 Chapter 1 Legal Services

Subject: Business Studies

1. Nature and significance of management, 2. Principles of management, 3. Business environment, 4. Planning, 5. Organizing, 6. Staffing , 7. Directing, 8. Controlling, 9. Financial management, 10. Financial market, 11. Marketing management, 12. Consumer protection

Subject: Economics

Part-A - Introductory Macro Economics, Unit-1 National Income and Related aggregates, Unit-2 Money and Banking, Unit-3 Determination of Income and Employment, Unit-4 Government Budget and the Economy, Unit-5 Balance of Payments, **Part-B** Indian Economic development - Unit-6 Development Experiences (1947-90) and Economic reforms since 1991, Unit-7 Current Challenges facing Indian Economy, Unit-8 Development Experiences of India -A comparison with Neighbours

Subject: Accountancy

Part-1 - Ch-1 Accounting for Partnership firm – Fundamentals, Ch-2 Goodwill nature and valuation, Ch-3 Change in 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, **Part-2** - Ch-8 Company Accounts-Accounting for share Capital, Ch-9 Company Accounts- Issue of Debentures, **Part-3** - Ch-1 Financial statement of a company, Ch-2 Financial statement Analysis, Ch-3 Accounting Ratios, Ch-4 Cash flow statement, Ch-5 Tools of financial statement analysis -Comparative statements and common size statements