SYLLABUS FOR MID TERM

CLASS 12 (2024-25)

SUBJECTS	SYLLABUS
English	**Flamingo**: Prose -The Last Lesson, Lost Spring, Deep Water, The Rattrap, Indigo Poetry –My Mother At Sixty-Six, Keeping Quiet, A Thing of Beauty. **Vistas:** The Third Level, The Tiger King. Journey to the end of the Earth, The Enemy **Writing Skills**: Notice Writing, Letter to the Editor, Report writing, Job Application, Article Writing, Invitation & Replies. **Reading Section:** Unseen Passages
Physics	Ch 1 Electric Charges and fields Ch 2 Electrostatic Potential and Capacitance Ch 3 Current Electricity Ch 4 Moving Charges and magnetism Ch 5 Magnetism and Matter Ch 6 Electro Magnetic Induction Ch 7 Alternating Currents Ch 8 Electromagnetic Waves
Chemistry	Ch 1 Solutions Ch 2 Electrochemistry Ch 4 The d- and f- Block Elements Ch 6 Haloalkanes and Haloarenes Ch 7 Alcohols, Phenols and Ethers Ch 8 Aldehydes, Ketones and Carboxylic Acids Ch 9 Amines
Geospatial Technology	**Part A-Employability Skills** Unit 1: Communication Skills-IV Unit 2: Self-Management Skills-IV Unit 3: ICT Skills-IV **Part B- Subject Specific Skills** Chapter 1: Remote Sensing (RS) Chapter 2: Geographic Information System (GIS) Chapter 3: Global Positioning System (GPS) **Part-C Practical Work** Chapter 1 - Projection of data Chapter 2: Digitization and Thematic mapping

Biology	**UNIT VI** REPRODUCTION Ch 1 : Sexual Reproduction in Flowering Plants Ch 2 : Human Reproduction Ch 3 : Reproductive Health **UNIT VII** GENETICS AND EVOLUTION Ch 4 : Principles of Inheritance and Variation Ch 5: Molecular Basis of Inheritance Ch 6 :Evolution **UNIT VIII** BIOLOGY IN HUMAN WELFARE Ch 7 : Human Health and Disease Ch 8 : Microbes in Human Welfare.
Mathematics	Chapter 1 : Relations and Functions Chapter 2: Inverse Trigonometry Chapter 3: Matrices Chapter 4: Determinants Chapter 5 : Continuity and Differentiability Chapter 6: Application of Derivatives Chapter 7: Integals Chapter 8: Application of Integrals Chapter 12: Linear Programming
History	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, Zamindars and the State
Psychology	Chapter - Variations in Psychological Attributes Chapter - Self and Personality Chapter - Meeting Life Challenges Chapter - Psychological Disorders
Political Science	WORLD POLITICS Chapter 1: End of Bipolarity Chapter 2: Contemporary Centres of Power Chapter 3: Contemporary South Asia Chapter 4: International Organization Chapter 5: Security in Contemporary World

	POLITICS IN INDIA Chapter 1 : 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 Congress system
Accountancy	Ch 1:– Fundamentals of Partnership Firms Ch 2: Valuation of Goodwill Ch 3: Change in Profit Sharing Ratio Ch 4: Admission of a Partner Ch 5: Retirement and Death of a Partner Ch 6: Dissolution of a Firm Ch 7: Ratio Analysis Ch 8: Cash Flow Statement
Business Studies	Ch- Nature and Significance of Management Ch- Principles of Management Ch- Business Environment Ch- Planning Ch- Organizing Ch- Financial Management Ch- Financial Markets Ch- Marketing Management Ch- Consumer Protection
Economics	MACRO ECONOMICS Unit- National Income and Related Aggregates Unit- Money and Banking Unit- Determination of Income and Employment Unit- Government Budget and The Economy INDIAN ECONOMIC DEVELOPMENT Ch- Indian Economy On The Eve of Independence Ch- Indian Economy (1950-1990) Ch- Economic Reforms since 1991(LPG) Ch- Rural Development
Computer Science	Chapter: Revision Tour Chapter: Functions in Python Chapter: Data Structure in python-Stacks Chapter: Exception Handling

	Chapter: Data File Handling Chapter: SQL (Before SQL Joins)
Physical Education	**Chapter -1: management of sporting events** **Chapter 2 :children and women in sports** **Chapter 3: yoga as preventive measure for lifestyle diseases** **Chapter 4 Physical Education and sports for CWSN.** **Chapter 5 Sports and Nutrition** **Chapter 6 Test and Measurement in sports.**
Painting	1.RAJASTHANI,Pahari, Mughal and Deccani miniature painting. 2.Bangal school of Painting. 3.Modern Indian painting 4.Sculpture
Applied Mathematics	Chapter : Matrices Chapter : Determinants Chapter : Linear Programming Chapter : Financial Mathematics Chapter : Numbers, Quantification and Numerical Application. Chapter : Application of Derivatives Chapter : Integrals Chapter : Application of Integration Chapter: Time series