

## SYLLABUS FOR SELECTION (CLASS 12)

Subject	Class XII (Mid-Semester 1)
English	Unseen Comprehension Notice Formal and Informal Invitation and Reply Letter to the Editor Letter of Application Article  The Last Lesson The Enemy Lost Spring Deep Water On The Face of It Journey to the End of the Earth My Mother at 66 Aunt Jennifer's Tigers A Roadside Stand The Interview Poets and pancakes Going places
Math	1. Relations and Functions 2. Inverse Trigonometric Functions 3. Matrices 4. Determinants 5. Continuity and Differentiability 6. Applications of Derivatives 7. Integrals 8. Applications of the Integrals 9. Differential Equations
Appld Math	1. Numbers, Quantification and Numerical applications 2. Matrices and Determinants 3. Second order Derivatives and its applications 4. Integration and its application 5. Differential equations and its application. 6. Probability distribution 7. Inferential Statistics
Physics	1. ELECTROSTATICS I AND II 2. CURRENT ELECTRICITY 3. MAGNETIC EFFECT OF CURRENT AND MAGNETISM 4. OPTICS (RAY AND WAVE) 5. DUAL NATURE OF MATTER AND RADIATION 6. ELECTROMAGNETIC INDUCTION AND AC 7. ATOMS AND NUCLEI
Chemistry	1. Haloalkanes and haloarenes 2. Alcohol, phenols and ethers 3. Aldehydes, ketone and carboxylic acids 4. Organic compounds containing Nitrogen 5. Biomolecules

	6. d and f block elements 7.Coordination compounds
Biology	1.Sexual Reproduction in Flowering plants 2.Human Reproduction 3.Reproductive health 4.Principles of Inheritance and Variation 5.Molecular Basis of Inheritance 6.Evolution 7.Human Health and Disease
Comp Sc	Theory Syllabus Computational Thinking and Programming – 2 Computer Networks Database Management (except Interface of python with an SQL database) Practical Syllabus Python Program SQL Queries Project File Practical File
Economics	1. Indian Economy on the Eve of Independence 2. Indian planning system (1950-90) 3. New Economic Policy 4. Human Capital formation 5. National Income Accounting 6. Money and Banking 7. National Income Determination 8. Government Budget
Accountancy	1.Accounting for issue of Shares 2.Presentation of Share Capital in the Company's Balance Sheet..... 3.Accounting for issue of Debentures 4.Financial Statements of a Company (Balance Sheet and Statement of Profit and Loss (Major Headings and sub headings) 5.Analysis of Financial Statements Theory Chapter) 6.Ratio Analysis 7.Comparative & Common size Statements 8.Partnership Fundamentals 9.Admission of a partner-
Business Std	From Book -1 1.Nature & Characteristics of Management. 2.Principles of Management 3.Business Environment. 4.Planning; 5.Organising; 6.Staffing; 7. Controlling; From Book 2: 8.Marketing.
Ent Dev	Unit 1 - Entrepreneurial Opportunity, Unit 2 – Enterprise Planning , Unit 3 - Enterprise Marketing, Unit 4 - Enterprise Growth Strategies,

	Unit 5 - Business Arithmetic (till pg 183)
Psychology	Ch 1. Variation in psychological attributes. Ch. 2. Self and Personality Ch. 3. Meeting Life Challenges Ch 4. Psychological Disorders Ch 5. Therapeutic Approaches( till behaviour therapy )
Geography	<b>Theory</b> <b>Book 1 Fundamentals of Human Geography</b> Unit 1 Human Geography Unit 2 The World Population, Distribution, Density and Growth, Human development. Unit 3 Primary, Secondary Tertiary and Quaternary Activities, Transport and Communication and International Trade. <b>Book 2 India People and Economy</b> Unit 1 Population: Distribution, Density, Growth and Composition. Unit 3 Water Resources Unit 4 Transport and Communication, International Trade Unit 5 Geographical Perspective on Selected Issues and Problems. <b>Practical</b> Representation of data: Construction of Line Graph, Bar Graph, Line and Bar Graph, Multiple Bar Diagram, Compound Bar Diagram, Pie Diagram. Ogive, Frequency polygon. Thematic Maps: Dot Map, Choropleth Map & Isopleth Map.
Legal Std	Unit 1 : Judiciary Unit 2: Alternative Dispute Resolution in India Unit 3: A) Law of Contract B) Law of Torts C) Law of Property D) Intellectual Property Law Unit 4: A) Law and Sustainable Development B) Forms of Legal Entities C) Criminal Laws in India Unit 5: A) Human Rights in India
Sociology	1. Cultural Change 2. Structural Change 3. Challenges of Cultural Diversity 4. Patterns of Social Inequality 5. Social Institutions 6. Demographic Structure of the Indian Society
Pol Sc	1. Challenges of Nation Building 2. Era of One Party Dominance 3. Politics of Planned Development 4. India's External Relations 5. Challenges to and Restoration of the Congress System 6. Crisis of Democratic Order 7. End of Bipolarity

	8. Alternative Centres of Power 9. Contemporary South Asia 10. International Organisations
F.M.M	Chapter 1: Introduction to Indian Securities Market and Trading Chapter 2 Trading Chapter 3 Clearing Settlement and Legal framework Chapter 4 Financial Statements Analysis Employability skills Communication Skills ICT Skills Self Management
Web App	Theory Syllabus Employability Skills Unit 1 : Communication Skills-IV Unit 2 : Self-Management Skills-IV Unit 3 : ICT Skills-IV Subject Specific Skills Unit 1: Movie Editing Tools Unit 2: Customizing and Embedding Multimedia Components in Web Pages Unit 3: Web Scripting – Java Script Practical Syllabus Unit 1: Movie Editing Tools Unit 2: Customizing and Embedding Multimedia Components in Web Pages Unit 3: Web Scripting – Java Script Project File Practical File
Nutrition	UNIT 1- Clinical and Therapeutic Nutrition UNIT 2- DIET In Health and Disease EMLOYBILITY Skill Communication skill Self-Manager skill IT skill Entrepreneur Skill
Mass Media	Unit 1: Advertising Unit 2: Production - Film, TV, Print, Radio & Internet Movies: Pather Panchali, The Bicycle Thief & Swades
Fashion Std	Theory for selection class 12 (overview of fashion history chapter1 and pattern making chapter2) Employability skills unit 1 and unit 2(communication skills and self management skills)