

SYLLABUS FOR SEMESTER 1 (CLASS 11)

Subject	Class XII (Mid-Semester 1)
English	Unseen Comprehension Note Making Formal Letter Notice Poster Speech Debate Functional Grammar The Portrait of a Lady The Photograph Summer of the Beautiful White Horse The Address We're not afraid to die if we can all be together Laburnum Top Discovering Tut The Adventure
Math	1. Sets 2. Relations and Functions 3. Trigonometric Functions 4. Complex Numbers 5. Linear inequalities 6. Permutations and Combinations 7. Binomial Theorem 8. Sequences 9. Straight lines
Appld Math	1. Binary numbers 2. Indices, Logarithm and Antilogarithm. 3. Averages, Clocks and Calendar 4. Time, work and distance. 5. Mensuration and seating arrangement 6. Set theory 7. Sequence and Series 8. Permutation and Combination 9. Straight lines
Physics	1) Units and Dimensions 2) Motion in 1D 3) Motion in 2D 4) Laws of Motion 5) Work, Energy, Power 6) Rotational Motion 7) Gravitation 8) Mechanical properties of Solids
Chemistry	<ul style="list-style-type: none">• Basic concepts of Chemistry• Atomic structure• Periodic table• Chemical bonding• Basic Principles in Organic Chemistry

	<ul style="list-style-type: none"> Hydrocarbons Redox reaction
Biology	<ul style="list-style-type: none"> The Living world Biological classification Plant Kingdom Animal Kingdom Morphology of Flowering Plants Anatomy of Flowering Plants Structural Organisation in Animals Cell- The Unit of Life Biomolecules Cell Cycle and division
Comp Sc	<p>Theory</p> <p>Unit I: Computer Systems and Organisation</p> <p>Unit II: Computational Thinking and Programming - I - till Lists</p> <p>Unit III: Society, Law and Ethics - Digital Footprints, Digital Society and Netizen, Data Protection, Cyber Crime, Cyber safety, Malware</p> <p>Practical</p> <p>Unit II: Computational Thinking and Programming - I - till Lists</p> <p>Practical File</p> <p>Project File</p> <p>Viva</p>
Economics	<ul style="list-style-type: none"> Central Tendency: Mean, Median and Mode Correlation Concept of PPC and Central Problem of an Economy Consumer's Equilibrium, Theory of Demand and Elasticity Theory of Production and Cost, Producer's Equilibrium (Except theory of Supply)
Accountancy	<ol style="list-style-type: none"> Introduction to Accounting Basic Accounting terms Accounting Equation Rule of Debit Credit, Journal (Including Special purpose book & Journal proper) Ledger and Trial Balance Source Documents Cash Book Bank Reconciliation Statement Depreciation Provision Reserve Journal with GST
Business Std	<ol style="list-style-type: none"> Nature and Purpose of Business Forms of Business Organisations Public, Private and Global Enterprises Business Services Emerging Modes of Business
Ent Dev	<p>Unit-1: Entrepreneurship : Concept and Functions</p> <p>Unit-2: An Entrepreneur</p> <p>Unit-3: An Entrepreneurial Journey</p> <p>Unit-4: Entrepreneurship as Innovation and Problem Solving (till page 84)</p>

Psychology	<p>Ch 1. What is Psychology?</p> <p>Ch. 2. Methods of Enquiry in Psychology</p> <p>Ch 3. The Bases of Human Behaviour. (till Heredity. Pg 54)</p> <p>Ch. 4. Human Development</p> <p>Ch. 5. Sensory Attentional and perceptual Processes.</p>
Commercial Art	<p>Theory</p> <p>Ajanta painting. Gupta period Sculpture.</p> <p>Indian bronze sculpture.</p> <p>Indo- Islamic architecture.</p> <p>Indus valley art</p> <p>Practical –</p> <p>illustration -National Events, Religious festival.</p> <p>professional/professions. poster-world peace.</p> <p>Commercial products</p>
Legal Std	<p>Unit 1:</p> <ol style="list-style-type: none"> 1. Concept of State 2. Forms and Organs of Government 3. Separation of Powers <p>Unit 2:</p> <ol style="list-style-type: none"> 1. Salient Features of Constitution of India 2. Administrative Law <p>Unit 3:</p> <ol style="list-style-type: none"> 1. Jurisprudence, Nature and Meaning of Law 2. Classification of Laws <p>Unit 4:</p> <p>Judiciary: Constitutional, Civil and Criminal Courts and Processes</p>
Sociology	<ol style="list-style-type: none"> 1. Sociology and Society 2. Terms, Concepts and their use in Sociology 3. Understanding Social Institutions 4. Culture and Socialisation
Pol Sc	<p>Indian Constitution:</p> <ol style="list-style-type: none"> 1. Constitution: Why and How? 2. Rights in the Indian Constitution 3. Election and Representation 4. Executive 5. Legislature <p>Political Theory:</p> <ol style="list-style-type: none"> 1. Political Theory: An Introduction 2. Freedom 3. Equality 4. Social Justice 5. Rights
F.M.M	<ol style="list-style-type: none"> 1. Markets and Financial Instruments 2. Primary and Secondary Market 3. Mutual fund products and it's features 3. Employability Skills - Communication Skills <p>Self-Management Skill</p> <p>ICT Skills</p>
Web App	<p>Part-A: EMPLOYABILITY SKILLS</p> <p>Unit 1: Communication Skills</p>

	Unit 2: Self-management Skills Unit 3: Information and Communication Technology Skills Part-B – SUBJECT SPECIFIC SKILLS Unit 1: Basics of Networking and Web Architecture Unit 2: Website Development using HTML and CSS Practical Unit 2: Website Development using HTML and CSS Practical File Project File Viva
Nutrition	Unit 1- FOOD NUTRITION BASIC CONCEPTS UNIT2-NUTITION THROUGH LIFE CYCLE UNIT 3-PUBLIC HEALTH AND NUTRITION Employability skill Communication IT skill Self-Manager skill
Mass Media	1. Mass Media and Barriers to Communication 2. Understanding Cinema-1 3. Understanding Cinema- 2 4. Understanding Television 5. Understanding Print 6. Understanding Radio 7. Understanding Internet 8. Movies: Taare Zameen Par, Rang de Basanti & Peepli Live Employability skills 1. Communication skills 2. Green skills
Fashion Std	Chapter 1 (introduction of fashion) Chapter 2(introduction of fabrics, dyeing and printing). Employability skills (communication skills and self-management skills)