

SYLLABUS FOR SEMESTER 1 (CLASS 11)

2024-25

Subject	Class XI (Semester 1)
English	<p><u>Reading Skill</u></p> <ol style="list-style-type: none">1. Unseen Comprehension2. Notemaking <p><u>Writing Skill and Grammar</u></p> <ol style="list-style-type: none">3. Poster Making4. Letter to the Editor5. Speech Writing6. Functional Grammar <p><u>Literature</u></p> <ol style="list-style-type: none">7. The Portrait of a Lady8. The Summer of the Beautiful White Horse9. We Are Not Afraid to Die.....10. The Address11. Discovering Tut12. The Adventure13. The Laburnum Top14. A Photograph15. Voice of the Rain
Mathematics	<ol style="list-style-type: none">1. Sets2. Relations and functions3. Trigonometric functions4. Complex number and quadratic equations5. Linear inequations6. Permutation and combinations7. Sequence and series8. Binomial theorem
Applied Mathematics	<ol style="list-style-type: none">1. Set ,relation and function2. Indices and logarithm

	<p>3. Quantification .</p> <p>4. Permutations and combinations</p> <p>5. Binomial theorem</p> <p>6. Sequence and series</p>
Physics	<p>Units and Measurements</p> <p>Motion in a straight line</p> <p>Motion in a plane</p> <p>Laws of Motion</p> <p>Work, Energy and Power</p> <p>System of Particles and Rotational Motion</p>
Chemistry	<p>Basic concepts of Chemistry</p> <p>Atomic structure</p> <p>Periodic table</p> <p>Chemical bonding</p> <p>Basic Principles in Organic Chemistry</p> <p>Hydrocarbons</p> <p>Redox reaction</p>
Biology	<p>1.The Living World</p> <p>2.Biological Classification</p> <p>3.Plant Kingdom</p> <p>4.Animal kingdom</p> <p>5.Morphology of Flowering plants</p> <p>6.Anatomy of Flowering g plant</p> <p>7.Structural organisation in Animals</p> <p>8.Cell</p> <p>9.Biomolrcules</p>
Computer Science	<p>Theory</p> <p>Unit 1: Computer System and Organization</p> <p>Unit 2: Computational Thinking and programming(Till Strings)</p> <p>Practical:</p> <p>Unit 2: Computational Thinking and programming(Till Strings)</p>

Economics	<p>Statistics:</p> <ul style="list-style-type: none"> • Graphical representation • Central Tendency • Correlation (Excluding Karl Pearson’s Method) <p>Microeconomics</p> <ul style="list-style-type: none"> • Introduction to Microeconomics • Theory of Consumer’s Behaviour • Theory of Production
Accountancy	<p>Topics...</p> <ol style="list-style-type: none"> 1.Meaning and Objectives of Accounting. 2.Basic Accounting Terms; 3.Accounting Principles; 4.Accounting Equation; 5.Double Entry System; 6.Journal; 7.Ledger; 8.Trial Balance; 9.Cash Book. 10.Bank Reconciliation Statement. 11.Rectification of Errors. 12.Depreciation.
Business Studies	<ol style="list-style-type: none"> 1)Nature and Purpose of Business 2) Forms of Business Organisation(Including Formation of a joint stock Company) 3) Public, Private and Global Enterprise 4) Business services

	5) Emerging modes of Business
Entrepreneurship Development	Unit-1 : Entrepreneurship : Concept and Functions Unit-2 : An Entrepreneur Unit-3 : An Entrepreneurial Journey Unit-4 : Entrepreneurship as Innovation and Problem Solving Unit-5 : Concept of Market (till page 110)
Psychology	Ch 1. What is Psychology? Ch 2 . Methods of Enquiry in Psychology. Ch 3. Human Development Ch 4 sensory and attentinal processes.
Commercial Art	TH- Indus valley art, Gupta period art , India Sculpture, principal of a rt, element of art . Practical - poster - commerical product, Illustration - national event
Legal Studies	1. Concept of State 2. Forms and Organs of Government 3. Separation of Power 4. Salient features of the Constitution of India 5. Administrative Law 6. Jurisprudence, Nature and Meaning of Law 7. Classification of Laws 8. Sources of Law 9. Law Reforms 10. Cyber Laws, Safety and Security in India
Sociology	1. Sociology and Society 2. Terms, Concepts and Their Use in Sociology 3. Understanding Social Institutions 4. Culture and Socialisation
Political Science	1. Constitution- Why and How 2. Rights in the Indian Constitution 3. Election and Representation 4. Executive

	<p>5. Legislature</p> <p>6. Political Theory-An Introduction</p> <p>7. Freedom</p> <p>8. Equality</p> <p>9. Rights</p> <p>10. Judiciary</p>
Geography	<p>Book 1 Chapter 1 Geography as a Discipline.</p> <p>Chapter 2</p> <p>The Origin and Evolution of the Earth.</p> <p>Chapter 3 Interior of the Earth.</p> <p>Chapter4 Distribution of Seas and Oceans</p> <p>Chapter 5</p> <p>Geomorphic Processes</p> <p>Chapter 6 Landforms and their Evolution.</p> <p>Chapter 14 Biodiversity and Conservation.</p> <p>Book 2</p> <p>Chapter 1 India - Location</p> <p>Chapter 2 Structure and Physiography</p> <p>Chapter 3 Drainage System</p> <p>Practical</p> <p>Chapter 1 Introduction to Maps</p> <p>Chapter 2 Map Scale</p> <p>Chapter 3</p> <p>Latitude, Longitude and Time.</p> <p>Chapter 4</p> <p>Map Projections</p>
History	<p>1.Writing and city life</p> <p>2.An Empire across three Continents</p> <p>3.The Three orders</p> <p>4.Nomadic Empire (selected portion)..</p> <p>A)Source of history</p>

	<p>B) Social and political background</p> <p>C) Military organisation, social organisation</p>
Physical Education	<p>1. Changing Trends and careers in physical education</p> <p>2. Olympic Value Education.</p> <p>3. Yoga</p> <p>4. Physical Education and CWSN.</p> <p>5. Physical fitness, health and wellness</p> <p>6. Test, measurement, and evaluation</p>
Financial Markets Management	<p>1. Markets and Financial Instruments</p> <p>2. Primary and Secondary Market</p> <p>3. Mutual fund products and its features</p> <p>3. Employability Skills Communication Skills</p> <p>Self Management Skill</p> <p>ICT Skills</p>
Web Application	<p>Employability Skill</p> <p>Self Management Skill</p> <p>ICT Skill</p> <p>Subject Specific Skill</p> <p>Unit 1: Basics of networking</p> <p>Unit 2: Website building using HTML and CSS</p> <p>Practical</p> <p>Unit 2: Website building using HTML and CSS</p>
Food, Nutrition & Dietetics	<p>1. unit 1</p> <p>Food and nutrition</p> <p>basic concept</p> <p>2. unit 2</p> <p>Nutrition through life cycle</p> <p>3. unit 3</p> <p>Public health and nutrition</p> <p>Human development index</p> <p>Malnutrition</p>

	<p>Employability skill</p> <p>Communication skill</p> <p>It skill</p> <p>Entrepreneur skill</p>
<p>Mass Media Studies</p>	<p>Unit 1 - Introduction to Mass Media</p> <p>Unit 2 - Evolution of media</p> <p>Unit 3 - Understanding media (only chapter 1 : Media literacy)</p> <p>Movies: Rang De Basanti, Peepli Live & Makdee</p> <p>Employability skills: Communication skills, Green skills & Self Management</p>
<p>Fashion Studies</p>	<p>chapter (introduction of fashion)1 and chapter 2(introduction of fabrics,dyeing and printing). Employablity skills (communication skills and self management skills)</p>