

SYLLABUS FOR SEMESTER 1 (CLASS 11)

2025-26

Subject	Class XI (Semester 1)
English	<p>Reading Skill</p> <ul style="list-style-type: none">* Unseen Comprehension* Notemaking <p>Writing Skill & Grammar</p> <ul style="list-style-type: none">* Poster* Speech* Debate* Functional Grammar <p>Literature</p> <ul style="list-style-type: none">* The Portrait of a Lady* The Summer of the Beautiful White Horse* We are not afraid to die.....* The Address* Laburnum Top* A Photograph
Mathematics	<p>Sets</p> <p>Relations & Functions</p> <p>Trigonometric Functions</p> <p>Complex Numbers and Quadratic Equations</p> <p>Linear Inequalities</p> <p>Permutations and Combinations</p> <p>Binomial Theorem</p> <p>Sequence and Series</p> <p>Straight Lines</p>
Applied Mathematics	<ol style="list-style-type: none">1. Binary numbers2. Indices and Logarithm3. Quantitative Analysis(except Average)4. Sets and relations5. Functions6. Sequence and series7. Logical reasoning

	8. Descriptive Statistics
Physics	1. Motion in a straight line 2. Motion in a plane 3. Dimensional analysis 4. Newton's laws of motion 5. Work power energy 6. Motion of rigid body 7. Gravitation
Chemistry	1. Basic concepts of Chemistry 2. Atomic structure 3. Periodic table 4. Chemical bonding 5. Basic Principles in Organic Chemistry 6. Hydrocarbon
Biology	1. The Living World 2. Biological Classification 3. Plant Kingdom 4. Animal Kingdom 5. Morphology of Flowering Plants 6. Anatomy of Flowering Plants 7. Structural Organisation in Animals 8. Cell - The Unit of Life 9. Biomolecules 10. Cell Cycle and Cell Division
Computer Science	Unit 1: Computer Systems and Organisation Unit 2: Computational Thinking and Programming Introduction to Problem-solving: Familiarization with the basics of Python programming Knowledge of data types Operators Expressions, statement, type conversion, and input/output Errors Flow of Control Conditional statements Iterative Statement Strings
Economics	Statistics: <ul style="list-style-type: none"> • Collection, organisation and interpretation of data • Measures of Central Tendency • Correlation(Excluding Karl Pearson's Correlation Co-efficient) Microeconomics <ul style="list-style-type: none"> • Theory of Consumer's Behaviour(Cardinal Approach only) • Theory of Demand and Price Elasticity of demand • Central problems and PPC
Accountancy	1. Meaning and Objectives of Accounting; 2. Basic Accounting Terms;

	<p>3. Accounting Principles;</p> <p>4. Accounting Equation;</p> <p>5. Double Entry System;</p> <p>6. Journal;</p> <p>7. Ledger;</p> <p>8. Trial Balance & Various types of Errors;</p> <p>9. Cash Book & Petty Cash Book;</p> <p>10. Other subsidiary books;</p> <p>11. Bank Reconciliation Statement;</p> <p>12. Rectification of errors</p> <p>13. Cash Basis & Accrual Basis of Accounting;</p> <p>14. Capital and Revenue.</p>
Business Studies	<p>1) Nature and Purpose of Business</p> <p>2) Forms of Business Organisation (Including Formation of a joint stock Company)</p> <p>3) Public, Private and Global Enterprise</p> <p>4) Business services</p> <p>5) Emerging modes of Business</p>
Entrepreneurship Development	<p>Entrepreneurship (Theory)</p> <p>Unit-1 : Entrepreneurship: Concept and Functions</p> <p>Unit-2 : An Entrepreneur</p> <p>Unit-3 : Entrepreneurial Journey</p> <p>Unit-4 : Entrepreneurship As Innovation and Problem Solving</p> <p>Unit-5 : Concept of Market</p>
Psychology	<ul style="list-style-type: none"> - Unit I: What is Psychology <ul style="list-style-type: none"> - Introduction to psychology, its branches, and relationship with other disciplines - Understanding mind and behavior, evolution of psychology, and its development in India ¹ - Unit II: Methods of Enquiry in Psychology <ul style="list-style-type: none"> - Goals of psychological enquiry, research methods, and data analysis - Limitations and ethical issues in psychological research - Unit III: Human Development <ul style="list-style-type: none"> - Life-span perspective, factors influencing development, and developmental stages

	<ul style="list-style-type: none"> - Prenatal development, infancy, childhood, adolescence, adulthood, and old age - Unit IV: Sensory, Attentional, and Perceptual Processes <ul style="list-style-type: none"> - Knowing the world, sense modalities, attentional processes, and perceptual processes - Perception of space, depth, and distance - Unit V: Learning <ul style="list-style-type: none"> - Classical conditioning, operant/instrumental conditioning, observational learning, and cognitive learning - Verbal learning, skill learning, and factors facilitating learning
Commercial Art	Principal of Art, Elements of Art, Indus Valley Art, Gupta Period Art & Temple Art of India
Legal Studies	<ol style="list-style-type: none"> 1. Concept of State 2. Forms and Organs of Government 3. Separation of Powers 4. Salient features of the Constitution of India. 5. Administrative law 6. Jurisprudence 7. Classification of laws 8. Sources of law 9. Law Reforms
Sociology	Book 1 : Introducing Sociology <ol style="list-style-type: none"> 1. Sociology and Society 2. Terms, Concept and Their Use in Sociology 3. Understanding Social Institutions 4. Culture and Socialisation Book 2. Understanding Society Ch 1. Social Change and Social Order in Urban and Rural Society (till Authority and Law)
Political Science	<ol style="list-style-type: none"> 1. Freedom 2. Equality 3. Social Justice 4. Rights 5. Constitution - How & Why? 6. Rights in the Indian Constitution 7. Election and Representation 8. Executive 9. Legislature
Geography	Book 1 Chapter 1 Geography as a Discipline. Chapter 2 The Origin and Evolution of the Earth. Chapter 3 Interior of the Earth. Chapter 4 Distribution of Seas and Oceans Chapter 5 Geomorphic Processes Chapter 6 Landforms and their Evolution.

	Book 2 Chapter 1 India - Location Chapter 2 Structure and Physiography Map work as per CBSE map list. Practical Chapter 1 Introduction to Maps Chapter 2 Map Scale Chapter 3 Latitude, Longitude and Time.
History	1) Writing and the city life 2) An Empire Across three continents 3) Three Orders 4) Nomadic Empire
Financial Markets Management	Unit 1: Markets and Financial Instruments Unit 2: Primary and Secondary Market. Unit 3: Mutual Funds Products and Feature <u>Employability Skills -</u> 1. Communication Skills 2. Self Management Skills
Web Application	Theory Employability Skill Communication Skills – III Self- Management Skills – III Subject Specific Skill Chapter 1: Basics of Networking Chapter 2: Website Building Using HTML And CSS Chapter 4: javascript Part 1 (Till 4.10) Practical Chapter 2: Website Building Using HTML And CSS Chapter 4: javascript Part 1 (Till 4.10)
Food, Nutrition & Dietetics	Unit 1-Food and Nutrition:Basic concept Unit 2-Nutrition through Life Cycle Unit 3-Public Health and Nutrition Human Development Index,Sustainable Development Goals,Malnutrition Employability skills communication,IT,Self Manager skill
Mass Media Studies	1. Basics of Communication 2. Understanding Cinema 3. Evolution of Radio 4. Evolution of TV 5. Evolution of Print Media 6. Models of Communication
Fashion Studies	Introduction of fabrics,dyeing and printing Chapter 3 (fundamentals and principles of design selected pages)

	Full employability book Employability skill
Artificial Intelligence	Part-A: EMPLOYABILITY SKILLS Unit 1: Communication Skills – III 15 Unit 2: Self-Management Skills – III 10 Unit 3: Basic Information and Communication Technology Skills Part-B – SUBJECT SPECIFIC SKILLS Unit 1 – Introduction: Artificial Intelligence for Everyone Unit 2 – Unlocking your Future in AI Unit 3 – Python Programming Unit 5 – Data Literacy – Data Collection to Data Analysis