

SYLLABUS FOR SEMESTER 2 (CLASS 11)

Subject	Class XI
English	<ul style="list-style-type: none"> •Reading Skill- •Comprehension •Note making •Writing skill- <ol style="list-style-type: none"> 1.Poster 2.Speech 3.Debate 4.Advertisement • Integrated Grammar •Literature <ol style="list-style-type: none"> 1. Hornbill: <ul style="list-style-type: none"> •The Portrait of a Lady (Prose) •A Photograph (Poem) •“We’re Not Afraid to Die... if we can be together •Discovering Tut: the Saga Continues •The Laburnum Top (Poem) • The Voice of the Rain (Poem) •Childhood (Poem) •The Adventure <ul style="list-style-type: none"> •Silk Road (Prose) •Father to Son 2. Snapshots: <ul style="list-style-type: none"> • The Summer of the Beautiful White Horse (Prose) • The Address (Prose) • Mother’s Day (Play) • Birth (Prose) • The Tale of Melon City
Mathematics	<ol style="list-style-type: none"> 1. SETS 2. RELATIONS AND FUNCTIONS 3. TRIGONOMETRIC FUNCTIONS 4. COMPLEX NUMBERS AND QUADRATIC EQUATIONS 5. LINEAR INEQUALITIES 6. PERMUTATIONS AND COMBINATIONS 7. BINOMIAL THEOREM 8. SEQUENCE AND SERIES 9. STRAIGHT LINES 10. CONIC SECTION 11. THREE DIMENSION GEOMETRY 12. LIMITS AND DERIVATIVES 13.PROBABILITY
Applied Mathematics	<ol style="list-style-type: none"> 1. Unit1: Logarithms and its application 2. Unit2: Straight Lines 3. Unit3: Circle 4. Unit4: Parabola 5. Unit5: Limits, Continuity and Differentiation. 6. Unit6: Probability

	<p>7. Unit7: Descriptive statistics 8. Unit 8: Financial Mathematics</p>
Physics	<p>1. Units and dimensions 2. Motion in a straight line 3. Motion in a plane 4. Work, power, energy 5. Gravitation 6. Centre of mass and rotational motion 7. Mechanical properties of solids and fluids 8. Thermal properties of matter 9. Thermodynamics 10. Kinetic theory of gas 11. Simple harmonic motion 12. Waves</p>
Chemistry	<p>Basic concepts of Chemistry Atomic structure Periodic table Chemical bonding Basic Principles in Organic Chemistry Hydrocarbons Equilibrium Redox reactions Thermodynamics States of matter</p>
Biology	<p>Unit-I Diversity of Living Organisms Chapter-1: The Living World Chapter-2: Biological Classification Chapter-3: Plant Kingdom Chapter-4: Animal Kingdom Unit-II Structural Organization in Animals and Plant Chapter-5: Morphology of Flowering Plants Chapter-6: Anatomy of Flowering Plants Chapter-7: Structural Organisation in Animals Unit-III Cell: Structure and Function Chapter-8: Cell-The Unit of Life Chapter-9: Biomolecules Chapter-10: Cell Cycle and Cell Division Unit-IV Plant Physiology Chapter-13: Photosynthesis in Higher Plants Chapter-14: Respiration in Plants Chapter-15: Plant - Growth and Development Unit-V Human Physiology Chapter-17: Breathing and Exchange of Gases Chapter-18: Body Fluids and Circulation Chapter-19: Excretory Products and their Elimination Chapter-20: Locomotion and Movement Chapter-21: Neural Control and Coordination Chapter-22: Chemical Coordination and Integration</p>

Computer Science	Computer Systems and Organisation Computational Thinking and Programming Society, Law and Ethics
Economics	<ol style="list-style-type: none"> 1) Introduction to Microeconomics 2) Consumers' Behaviour 3) Producers' Behaviour 4) Forms of Market (Only Perfect Competition) 5) Price Determination under Perfect Competition 6) Central Tendency 7) Correlation 8) Index Number
Accountancy	<p>CHAPTERS:</p> <p>Meaning and Objectives of Accounting; Basic Accounting Terms; Accounting Principles; Process and Bases of Accounting: (Difference between Cash Basis and Accrual Basis of Accounting); Accounting Equations; Double Entry System; Origin of Transactions: Source Documents of Accountancy- Journal; Cash Book; Ledger; Trial Balance and Errors; Bank Reconciliation Statement; Depreciation; Provisions and Reserves; Rectification of Errors; Financial Statements- with and without Adjustments;</p>
Business Studies	<p>Unit 1- Nature and Purpose of Business Unit 2- Forms of Business Organisations (Including Formation of a company) Unit 3- Public, Private and Global Enterprises Unit 4- Business Services Unit 5- Emerging Modes of Business Unit 6- Social Responsibility of Business and Business Ethics Unit 7- 7 Sources of Business Finance Unit 8- Small Business Unit 9 Internal Trade Unit-10 International Business</p>
Entrepreneurship Development	<p>unit 1- Entrepreneurship concepts & function unit 2- An entrepreneur unit 3- Entrepreneurial journey unit 4- Innovations & problem solving unit 5-Concept of market (selected parts) unit 6-Business arithmetic (selected parts) unit 7-Resource mobilization (selected parts)</p>
Psychology	<ol style="list-style-type: none"> 1) What is psychology? 2) Methods of Enquiry in Psychology 3) The Bases of Human Behaviour.

	<p>4) Human Development 5). Sensory ,attentional and perceptual processesess . 6). Learning 7) Human memory</p>
Geography	<p>Book 1 Fundamentals of Physical Geography Unit-1: Geography as a Discipline Unit-2: The Earth Unit-3: Landforms Unit-4: Climate Unit-5: Water (Oceans) Unit-6: Life on the Earth 5 B India-Physical Environment Unit-1: Introduction Unit-2: Physiography Unit-3: Climate , Natural Vegetation and Soil Unit-4: Natural hazards and disasters Note: Maps and Diagrams as done in the notebook. Practical Unit-1: Fundamentals of Maps Unit-2: Topographic Maps Practical Record Book and Viva</p>
Legal Studies	<p>Unit 1: Introduction to Political Institutions Chapter 1: Concept of State Chapter 2: Forms and Organs of Government Chapter 3: Separation of Powers Unit 2: Basic Features of Constitution of India Chapter 1: Salient Features of Constitution of India Unit 3: Jurisprudence, Nature and Sources of Law Chapter 2: Classification of laws Chapter 3: Sources of laws Chapter 4: Law reforms Chapter 5: Cyber Laws, Safety and Security in India Unit 4: Judiciary: Constitutional, Civil and Criminal Courts and Processes Unit 5: Family Justice System Chapter 1: Institutional Framework: Marriage and Divorce Chapter 2: Prevention of Violence against Women</p>
Sociology	<p>1. Terms and concepts 2. Understanding social institutions 3. Culture and socialisation 4. Doing sociology 5. Social structure 6. Social change and social order</p>
Political Science	<p>1. Freedom 2. Equality 3. Social justice 4. Rights 5. Citizenship 6. Nationalism 7. Election</p>

	8. Executive 9. Legislature 10. Judiciary
Financial Market Management	Employability Skills : Unit 2: Self Management skills Unit 3: ICT Skills Unit 4: Entrepreneurial skills Subject specific skills: Unit 1: Markets & Financial Instruments Unit 2: Primary & Secondary Market Unit3 : Mutual funds products and features Unit4 : ETFs, Debt and Liquid funds Unit5 : Taxation and regulations Unit 6: Quantitative evaluation of mutual fund schemes
Web Application	Employability Skills Unit 1 : Communication Skills Unit 2 : Self-Management Skills Unit 3 : ICT Skills Unit 4 : Entrepreneurial Skills Unit 5 : Green Skills Subject Specific Skills Unit 1: Basics of Networking and Web Architecture Unit 2: Website Development using HTML and CSS Unit 3: Multimedia Design Unit 4: Introduction to Dynamic Websites using JavaScript
Food Nutrition & Dietetics	Unit 1-Food Basic Concepts Unit 2-Nutrition Through Life Cycle Unit 3- Public Health and Nutrition Unit 4-Public Health and Nutrition Disorder Unit 5-Public Health Nutrition Programmes and Policies Unit 6- Nutrition Education Communication And Behaviour Change Employability skill- Communication ,IT,Self management,Entrepreneur and Green skills
Mass Media Studies	1. Story as a self content world 2. Story as a subjective experience 3. Content of a story 4. Techniques of story telling 5. Genres of Stories 6. Media Literacy Employability skills: 1. ICT skills 2. Entrepreneurship skills 3. Self management Movie: Chak de, India!
Fashion Studies	Chapter 1(Overview of Fashion)(subject to change) Chapter 2(Introduction of fabrics,dyeing and printing)(subject to change) Chapter 3 (Design fundamentals) Chapter 4 (Elements of garment making)

	Employability Skills:(complete book)
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