



<u>SUBJECT</u>	<u>SYLLABUS</u>
ENGLISH	<ul style="list-style-type: none"> ❖ The Portrait of a Lady ❖ The Summer of the Beautiful White Horse ❖ We are not afraid to die if we are together ❖ Albert Einstein ❖ Childhood ❖ Voice of the Rain ❖ A Photograph ❖ Letter to the Editor, Letter of Enquiry, Letter of Order, Letter of Complaint ❖ Notice writing ❖ Bubble Gum Syndrome
MATHEMATICS	<ul style="list-style-type: none"> ❖ Sets ❖ Relation and Functions ❖ Trigonometric Functions(till 3.3 & Misc) ❖ Linear Inequalities ❖ Complex Numbers ❖ Statistics ❖ Limits
PHYSICS	<ul style="list-style-type: none"> ❖ Chapter 2 : Units And Measurement ❖ Vectors : Addition And Multiplication ❖ Chapter 3 : Motion In A Straight Line ❖ Chapter 4 : Motion In A Plane ❖ Chapter 5 : Laws Of Motion ❖ Chapter 6: Work, Energy, Power ❖ Chapter 7 : System of Particles and Rotational Motion(Centre of mass, Torque, Angular momentum, Equations of rotational motion) ❖ Chapter 8 : Gravitation
CHEMISTRY	<ul style="list-style-type: none"> ❖ Some basic concepts of chemistry ❖ Structure of atom ❖ Classification of Elements and Periodicity in Properties ❖ Chemical bonding and molecular structures ❖ Redox reactions ❖ Hydrogen

	<ul style="list-style-type: none"> ❖ General organic chemistry
COMPUTER SCIENCE	<ul style="list-style-type: none"> ❖ Unit I: Computer Systems and Organisation <ul style="list-style-type: none"> ➤ Basic Computer Organisation ➤ Types of software , Operating system (OS) ➤ Number system: Binary, Octal, Decimal and Hexadecimal number system; conversion between number systems. ➤ Boolean Algebra ❖ Unit II: Computational Thinking and Programming - <ul style="list-style-type: none"> ➤ Introduction to problem solving: representation of algorithms using flowchart and pseudo code, decomposition ➤ Introduction to Python, features of Python, Python tokens (keyword, identifier, literal, operator, punctuator), variables, use of comments ➤ Data Types in Python Operators and Expressions ➤ Type conversion (explicit & implicit conversion) ➤ Errors: syntax errors, logical errors, runtime errors ➤ Conditional statements ➤ Iterative statements - for loop, range (), while loop, break and continue statements, nested loops ➤ Strings
BIOLOGY	<ul style="list-style-type: none"> ❖ The Living World ❖ Biological Classification ❖ Plant Kingdom ❖ Animal Kingdom ❖ Morphology of Flowering Plants ❖ Structural Organisation in Animals ❖ Cell: The Unit of Life
ACCOUNTANCY	<ul style="list-style-type: none"> ❖ Chapter 1: Introduction To Accounting ❖ Chapter 2 : Basic Accounting Terms ❖ Chapter 3 : Theory Base Of Accounting, Accounting Standards , Ind-AS ❖ Chapter 4: Bases Of Accounting ❖ Chapter 5: Accounting Equation ❖ Chapter 6: Accounting Procedures- Rules Of Debit And Credit ❖ Chapter 7: Origin of transactions-Source Documents & Vouchers ❖ Chapter 8: Journal

	<ul style="list-style-type: none"> ❖ Chapter 9: Ledger ❖ Chapter 10: Special Purpose books I-Cash Book ❖ Chapter 11: Special Purpose books II- other books ❖ Chapter 12: Accounting for GST ❖ Chapter 13: Bank Reconciliation Statement ❖ Chapter 14: Trial Balance ❖ Chapter 15: Depreciation ❖ Chapter 16: Provisions and Reserves
BUSINESS STUDIES	<ul style="list-style-type: none"> ❖ Evolution And Fundamentals of Business ❖ Forms of business organisations ❖ Public, Private and Global Enterprises ❖ Business Services ❖ Emerging modes of business ❖ Social Responsibility of Business and Business Ethics
ECONOMICS	<p>Part A: Statistics for Economics</p> <ul style="list-style-type: none"> ❖ Unit 1: Introduction ❖ Unit 2: Collection, Organisation and Presentation of data ❖ Collection of data ❖ Organisation of Data ❖ Presentation of Data ❖ Unit 3: Statistical Tools and Interpretation ❖ Measures of Central Tendency- Arithmetic mean ,Median and Mode <p>Part B: Introductory Microeconomics</p> <ul style="list-style-type: none"> ❖ Unit 4: Introduction ❖ Unit 5 Consumer's Equilibrium and Demand ❖ Consumer Equilibrium ❖ Demand ❖ Elasticity of demand
HISTORY	<ul style="list-style-type: none"> ❖ Theme 2: Writing & City Life ❖ Theme 3: An Empire across three continents ❖ Theme 4: Central Islamic Lands ❖ Theme 6 : The three orders
POLITICAL SCIENCE	<p>BOOK 1 - INDIAN CONSTITUTION AT WORK</p> <ul style="list-style-type: none"> ❖ Constitution (Chapters 1,2,9 & 10) ❖ Legislature ❖ Local Government

	<p>BOOK 2 - POLITICAL THEORY</p> <ul style="list-style-type: none"> ❖ Political Theory: An Introduction ❖ Rights ❖ Development
GEOGRAPHY	<p>Book: Fundamentals of physical Geography</p> <ul style="list-style-type: none"> ❖ Chapter1. Geography as a discipline. ❖ Chapter2. Origin and evolution of the earth ❖ Chapter3. Interior of the Earth ❖ Chapter4. Distribution of Oceans and continents ❖ Chapter5. Minerals and rocks <p>Book: India: Physical Environment</p> <ul style="list-style-type: none"> ❖ Chapter 1. India: Location ❖ Chapter 3. Drainage system
PSYCHOLOGY	<ul style="list-style-type: none"> ❖ CHAPTER 1 - What is Psychology? ❖ CHAPTER 2 - Methods of Enquiry in Psychology ❖ CHAPTER 3 - The Bases of Human Behavior
INFORMATICS PRACTICES	<ul style="list-style-type: none"> ❖ Introduction to computer system <ul style="list-style-type: none"> ➤ Introduction ➤ Components of Computer System ➤ Memory ➤ Communication Bus ➤ Operating System ❖ Introduction to Python <ul style="list-style-type: none"> Ch-3 - Python Fundamentals <ul style="list-style-type: none"> ➤ Variables ➤ Keywords ➤ Operators ➤ Tokens Ch 4 - Conditional Statements and Looping statement <ul style="list-style-type: none"> ➤ If statement ➤ If else statement ➤ If elif statement ➤ Nested if ➤ for loop ➤ while loop ❖ Ch 5- List manipulation ❖ Ch 6- Dictionary
PAINTING	<ul style="list-style-type: none"> ❖ Art- An Introduction - Six Limbs of Indian Painting & Fundamentals of Visual Arts (Elements and Principles) ❖ Prehistoric Rock Paintings

	<ul style="list-style-type: none"> ❖ Art of Indus Valley ❖ Art during Mauryan, Shunga, Kushana and Gupta periods ❖ The Art of Ajanta Caves
PHYSICAL EDUCATION	<ul style="list-style-type: none"> ❖ Chapter 1- Changing Trends and Career in Physical Education ❖ Chapter 2- Olympic Value Education ❖ Chapter 3- Physical Fitness, Wellness and Lifestyle ❖ Chapter 7- Test, Measurement and Evaluation ❖ Chapter 8- Fundamentals of Anatomy, Physiology and Kinesiology in Sports
HOME SCIENCE	<p>Unit I- Introduction</p> <ul style="list-style-type: none"> ❖ Chapter 1 -Introduction to Home Science <p>Unit II- Understanding oneself: Adolescence</p> <ul style="list-style-type: none"> ❖ Chapter 2 - Understanding the Self. <ul style="list-style-type: none"> A. 'Who am I'? B. Development and Characteristics of the Self (Development characteristics and needs of adolescents) C. Influences on Identity ❖ Chapter 3- Food, Nutrition, Health and Fitness ❖ Chapter 4 - Management of Resources ❖ Chapter 5 - Fabric Around us ❖ Chapter 6-Media and Communication Technology <p>Unit III- Understanding family, community and society</p> <ul style="list-style-type: none"> ❖ Chapter 10 - Concerns and needs in diverse contexts: <ul style="list-style-type: none"> A. Nutrition, Health and Hygiene C. Resource Availability and Management