ACADEMIC SESSION (2023-24)		
SYLLABUS FOR HALF YEARLY EXAMS		
CLASS - XI		
S. No.	**SUBJECT**	**SYLLABUS**
1	ENGLISH	Hornbill The Portrait of a lady A Photograph We're......together Discovering Tut The voice of the rain Snapshots The Summer of the Beautiful White Horse The Address Grammar - Tenses Determiners Voice Reported Speech Writing skill - Poster making Speech Writing Note making & Summary Writing
2	MATHS	Chapter 1 Sets Chapter 2 Relations and Functions Chapter 3 Trigonometric Functions Chapter 4 Complex Numbers and Quadratic Equations Chapter 5 Linear inequalities Chapter 12 Limits
3	PHYSICS	Unit–I Physical World and Measurement Chapter–2: Units and Measurements Unit-II Kinematics Chapter–3: Motion in a Straight Line Chapter–4: Motion in a Plane Unit–III Laws of Motion Chapter–5: Laws of Motion Unit–IV Work, Energy and Power Chapter–6: Work, Energy and Power Refer to Sub-topics from Senior School Curriculum 2023-24

4	CHEMISTRY	Ch1: Some basic concepts of chemistry, Ch2: Structure of Atom, Ch3:Periodic classification of elements and their periodicity, Ch4: Chemical bonding, Ch8: Redox reactions
5	BIOLOGY	Chapter-8: Cell-The Unit of Life, Chapter-9: Biomolecules, Chapter-10: Cell Cycle and Cell Division, 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
6	INFORMATICS PRACTICES	Unit 3: Database concepts and the Structured Query Language Unit 4: Introduction to the Emerging Trends Unit 2: Introduction to Python Basics of Python programming, Python interpreter - interactive and script mode, the structure of a program, indentation, identifiers, keywords, constants, variables, types of operators, precedence of operators, data types, mutable and immutable data types, statements, expressions, evaluation and comments, input and output statements, data type conversion, debugging.
7	COMPUTER SCIENCE	1. Computer Systems and organization 2. Python Programming Fundamentals 3. Conditional and looping constructs 4. Strings
8	ECONOMICS	STATISTICS: Unit 1: Introduction Chapter 1: Economics – An Introduction Chapter 2: Scope & Importance of Statistics Unit 2: Collection, Organization & Presentation of data Chapter 3: Collection of data Chapter 4: Organization of data Chapter 5: Tabular Presentation of data. Chapter 6: Diagrammatic Presentation. Chapter 7: Graphic Presentation MICRO ECONOMICS: Unit 4: Introduction Unit 5: Consumer's Equilibrium & Demand ● Ordinal Approach to Consumer Equilibrium ● Cardinal Approach to Consumer Equilibrium ● Demand

		● Elasticity of Demand Unit 6: Producer behavior & Supply ● Supply ● Elasticity of supply
9	ACCOUNTANCY	Unit1 Theoretical Framework Ch1: Introduction to Accounting Ch2: Basic Accounting Terms Ch3:Theory Base of Accounting Ch4: Bases of Accounting Ch5: Accounting Equation Ch6:Accounting Procedures-Rules of Debit and Credit Ch 7: Origin of Transactions- Source Documents and Preparation of Vouchers Unit 2: Accounting Process Ch 8: Journal Ch 9:Ledger Ch10: Special Purpose Books I- Cash Book
10	BUSINESS STUDIES	Chap 1 Business, trade and commerce Chap 2 Forms of business organizations including formation of a company Chap 3 Public, private and global enterprises Chap 4 Business services
11	PSYCHOLOGY	chap-1 (what is psychology), chap-2 (research methods in psychological enquiry) , chap-3 (human development)
12	HISTORY	Chp :1 Writing and city life Chp 2 : Empire across three continents Chp 3: The Nomadic Empire Chp 4 Three orders (half)
13	POLITICAL SCIENCE	1Constitution: Why and How? 2 Rights in the Indian Constitution 3 Executive 4Legislature 1 Political Theory: An Introduction 2 Freedom 3 Equality 4 Social Justice
14	PHYSICAL EDUCATION	UNIT 1 Changing Trends & Career in Physical Education UNIT 2 Olympic Value Education UNIT 3 Yoga UNIT 4 Physical Education & Sports for CWSN

		UNIT 5 Physical Fitness, Wellness
15	PAINTING	unit 1.- pre-historic rock painting and art of Indus valley and Unit-2 Buddhist, Jain and Hindu art