SUBJECT - ENGLISH CORE

SUBJECT CODE: 301

Unit No	Name of the Chapter/Unit	Marks
01	Reading Skills	26
02	Creative Writing Skills &Grammar	23
03	Literature Text Book and Supplementary Reading Text	31
	Total	80
01	Internal assessment Listening Speaking Project Work	 5 5 10
	Grand Total	100

Month	Hornbill/Snapshot	Reading, Grammar& Advanced Writing Skills	Activities/Projects
April 2024	i. The Portrait of a Lady (Prose) ii. A Photograph (Poem) iii. The Summer of The Beautiful White Horse (Prose)	Short Writing Task: i. Classified Advertisement (a) Situation Vacant (b) Situation Wanted (c) To Let	i. Collecting ads from newspaper and pasting it in their note books. ii. Prepare visual representations of scenes from the chapter: The Portrait Of a Lady through drawings or digital art.
May 2024	i. The Address (Prose)	i. Classified Advertisement (contd.) (d) For Sale (e) For Purchase (f) Travel and Tour (g) Educational	i. Creative Writing: Write a continuation of the story, imagining what happens to Mrs.S after the events described in the story.
June 2024	i. We're Not Afraid to Die……If We Can Be Together (Prose) ii. The Laburnum Top (Poem)	i. Poster ii. Grammar: Practice Of Questions On Gap Filling (Tenses, Clauses)	i. Listening skills practice test

Month	Hornbill/Snapshot	Reading, Grammar& Advanced Writing Skills	Activities/Projects
July	i. Discovering Tut: The Saga Continues (Prose) ii. The Voice Of The Rain (Poem)	i. Note Making and Summarization ii. Grammar: Questions on Reordering/Transformation of Sentences	i. A debate on the topic of whether artifacts from ancient civilizations, such as Tutankhamun's treasures should be returned to their countries of origin or remain in museums around the world. Students should be divided into groups representing different stakeholders, such as archaeologists, museum curators, Egyptian officials and Cultural heritage advocates. Encourage them to research and present arguments supporting their assigned positions.
August 2024	i. Mother's Day (Play)	Long compositions i. Speech writing ii. Debate writing	i. Presentation of speeches by students both oral & written
September 2024	Revision TERM 1 EXAMINATION	i. Unseen passage: Case based passage with Verbal/ Visual inputs like statistical data, chart etc.	i. Topics for assessment of speaking skills to be assigned to students.
October/ November 2024	i. Childhood (Poem) ii. Birth (Prose)	Practice on i. Classified advertisement ii. Transformation of sentences	i. Write a brief note on one of your childhood experiences (good or bad) and present the same in class. ii. Project work to be assigned.

Month	Hornbill/Snapshot	Reading, Grammar& Advanced Writing Skills	Activities/Projects
December 2024	i. The Adventure (Prose) ii. Silk Road (Prose)	Comprehension of unseen passage (Revision)	i. The documentary film on the Mount Kailash may be shown and students may be asked to write a brief note on it.
January 2025	i. Father to Son (Poem) ii. The Tale of Melon City (Poem)	Note making and summarization (revision)	i. Have students create a visual representation of the poem, either through a collage of images or through a storyboard depicting the complexities of Father- Son relationship. ii. Submission of project iii. ALS to be conducted.
February 2025	TERM 2 EXAMINATION	REVISION	

SUBJECT - MATHEMATICS

MONTH	UNIT	CHAPTER	NO OF PERIODS	LAB ACTIVITIES
APRIL	SETS AND RELATIONS	SETS	20	ACTIVITY – 1
		RELATIONS AND FUNCTIONS	20	
MAY		TRIGONOMETRIC FUNCTIONS	20	ACTIVITY – 2
JUNE		TRIGONOMETRIC FUNCTIONS……CONTINUED		ACTIVITY – 3
JULY	ALGEBRA	COMPLEX NUMBERS AND QUADRATIC EQUATIONS	10	ACTIVITY - 4
		LINEAR INEQUALITIES	10	
		PERMUTAIONS AND COMBINATIONS	10	
AUGUST		BINOMIAL THEOREM	10	ACTIVITY - 5
		SEQUENCES AND SERIES	10	
SEPTEMBER	REVISION AND HALF YEARLY EXAMINATION			
OCTOBER	COORDINATE GEOMETRY	STRAIGHT LINES	15	ACTIVITY - 6
NOVEMBER		CONIC SECTIONS	25	ACTIVITY - 7
		INTRODUCTION TO THREE DIMENSIONAL GEOMETRY	10	
DECEMBER	CALCULUS	LIMITS AND DERIVATIVES	40	ACTIVITY - 8
JANUARY	STATISTICS AND PROBABILITY	STATISTICS	20	
		PROBABILITY	20	
FEBRUARY	REVISION			

TERM – I

MARKS DISTRIBUTION – UNIT WISE

NO	UNIT		MARKS
I	SETS AND FUNCTIONS	SETS	09
		RELATIONS AND FUNCTIONS	10
		TRIGONOMETRIC FUNCTIONS	14
II	ALGEBRA	COMPLEX NUMBERS AND QUADRATIC EQUATIONS	08
		LINEAR IN EQUALITIES	12
		PERMUTAIONS AND COMBINATIONS	07
		BINOMIAL THEOREM	09
		SEQUENCES AND SERIES	11

NO	UNIT		MARKS
TOTAL			80
INTERNAL ASSESSMENT			20
TOTAL MARKS			100

BLUEPRINT OF THE QUESTION PAPER

S.NO	CHAPTER	NUMBER OF QUESTIONS OF					
		1 MARK	2 MARKS	3 MARKS	4 MARKS	5 MARKS	
1	SETS	2	1			1	09
2	RELATIONS AND FUNCTIONS	3		1	1		10
3	TRIGONOMETRIC FUNCTIONS	3	1		1	1	14
4	COMPLEX NUMBERS AND Q.EQUATIONS	3	1	1			08
5	LINEAR IN EQUALITIES	2	1	1		1	12
6	PERMUTAIONS AND COMBINATIONS	2	1	1			07
7	BINOMIAL THEOREM	2		1	1		09
8	SEQUENCES AND SERIES	3		1		1	11
		20	5	6	3	4	38 Q
		20	10	18	12	20	80 MARKS
	INTERNAL ASSESSMENT						20 MARKS

TERM – II

MARKS DISTRIBUTION – UNIT WISE

NO	UNIT	NO OF PERIODS	MARKS
I	SETS AND FUNCTIONS	60	23
II	ALGEBRA	50	25
III	COORDINATE GEOMETRY	50	12
IV	CALCULUS	40	8
V	STATISTICS AND PROBABILITY	40	12
TOTAL		240	80
INTERNAL ASSESSMENT			20
TOTAL MARKS			100

SUBJECT : PHYSICS (THEORY- Code No. 042)

MONTH	TOPIC	No. of Periods	Marks
APRIL	**UNIT-1: Physical World and Measurement** Chapter–2: Units and Measurements Need for measurement: Units of measurement; systems of units; SI units, fundamental and derived units. significant figures. Dimensions of physical quantities, dimensional analysis and its applications.	08	23
	UNIT-2 Kinematics Chapter–3: Motion in a Straight-Line Frame of reference, Motion in a straight line, Elementary concepts of differentiation and integration for describing motion.	24	
MAY, JUNE	**UNIT-2Kinematics (Continued)** (Chapter-3 contd.) Uniform and nonuniform motion, and instantaneous velocity, uniformly accelerated motion, velocity - time and position-time graphs. Relations for uniformly accelerated motion (graphical treatment). Chapter–4: Motion in a Plane Scalar and vector quantities; position and displacement vectors, general vectors and their notations; equality of vectors, multiplication of vectors by a real number; addition and subtraction of vectors, Unit vector; resolution of a vector in a plane, rectangular components, Scalar and Vector product of vectors. Motion in a plane, cases of uniform velocity and uniform acceleration projectile motion, uniform circular motion.		
JULY, AUGUST	**UNIT- 3 Laws of Motion** Chapter–5: Laws of Motion Intuitive concept of force, Inertia, Newton's first law of motion; momentum and Newton's second law of motion; impulse; Newton's third law of motion. Law of conservation of linear momentum and its applications. Equilibrium of concurrent forces, Static and kinetic friction, laws of friction, rolling friction, lubrication. Dynamics of uniform circular motion: Centripetal force, examples of circular motion (vehicle on a level circular road, vehicle on a banked road).	14	
	Unit IV: Work, Energy and Power Chapter–6: Work, Energy and Power Work done by a constant force and a variable force; kinetic energy, work-energy theorem, power. Notion of potential energy, potential energy of a spring, conservative forces: non-conservative forces, motion in a vertical circle; elastic and inelastic collisions in one and two dimensions.	14	7
SEPTEMBER (1^{st} -25^{th})	**Revision and TERM-I/Half-Yearly Exam**		

MONTH	TOPIC	No. of Periods	Marks
SEPTEMBER, OCTOBER	**Unit V: Motion of System of Particles and Rigid Body** Chapter–7: System of Particles and Rotational Motion Centre of mass of a two-particle system, momentum conservation and Centre of mass motion. Centre of mass of a rigid body; centre of mass of a uniform rod. Moment of a force, torque, angular momentum, law of conservation of angular momentum and its applications. Equilibrium of rigid bodies, rigid body rotation and equations of rotational motion, comparison of linear and rotational motions. Moment of inertia, radius of gyration, values of moments of inertia for simple geometrical objects (no derivation). **Unit VI: Gravitation** Chapter–8: Gravitation Kepler's laws of planetary motion, universal law of gravitation. Acceleration due to gravity and its variation with altitude and depth. Gravitational potential energy and gravitational potential, escape speed, orbital velocity of satellite.	18 12	10
NOVEMBER	**Unit VII : Properties of Bulk Matter** Chapter–9: Mechanical Properties of Solids Elasticity, Stress-strain relationship, Hooke's law, Young's modulus, bulk modulus, shear modulus of rigidity (qualitative idea only), Poisson's ratio; elastic energy. Chapter–10: Mechanical Properties of Fluids Pressure due to a fluid column; Pascal's law and its applications (hydraulic lift and hydraulic brakes), effect of gravity on fluid pressure. Viscosity, Stokes' law, terminal velocity, streamline and turbulent flow, critical velocity, Bernoulli's theorem and its simple applications. Surface energy and surface tension, angle of contact, excess of pressure across a curved surface, application of surface tension ideas to drops, bubbles and capillary rise. Chapter–11: Thermal Properties of Matter Heat, temperature, thermal expansion; thermal expansion of solids, liquids and gases, anomalous expansion of water; specific heat capacity; Cp, Cv - calorimetry; change of state - latent heat capacity. Heat transfer-conduction, convection and radiation, thermal conductivity, qualitative ideas of Blackbody radiation, Wein's displacement Law, Stefan's law.	24	20
DECEMBER	**Unit VIII: Thermodynamics** Chapter–12: Thermodynamics Thermal equilibrium and definition of temperature, zeroth law of thermodynamics, heat, work and internal energy. First law of thermodynamics, second law of thermodynamics: gaseous state of matter, change of condition of gaseous state -isothermal, adiabatic, reversible, irreversible, and cyclic processes.	12	
	Unit IX: Behaviour of Perfect Gases and Kinetic Theory of Gases Chapter–13: Kinetic Theory Equation of state of a perfect gas, work done in compressing a gas. Kinetic theory of gases – assumptions, concept of pressure. Kinetic interpretation of temperature; rms speed of gas molecules; degrees of freedom, law of equi-partition of energy (statement only) and application to specific heat capacities of gases; concept of mean free path, Avogadro's number.	8	

MONTH	TOPIC	No. of Periods	Marks
JANUARY	**Unit X: Oscillations and Waves** Chapter–14: Oscillations Periodic motion – time period, frequency, displacement as a function of time, periodic functions and their applications. Simple harmonic motion (S.H.M) and its equations of motion; phase; oscillations of a loaded spring- restoring force and force constant; energy in S.H.M. Kinetic and potential energies; simple pendulum derivation of expression for its time period. Chapter–15: Waves Wave motion: Transverse and longitudinal waves, speed of travelling wave, displacement relation for a progressive wave, principle of superposition of waves, reflection of waves, standing waves in strings and organ pipes, fundamental mode and harmonics, Beats.	26	10
FEBRUARY	REVISION AND FINAL/TERM-II EXAM		

MARKING SCHEME AND BLUE PRINT

HALF YEARLY/TERM-I EXAMINATIONS -2024- 25

SUBJECT:PHYSICS (THEORY- Code No. 042)

SL. NO.	Unit/Chapter	1 mark	2 marks	3 marks	4 marks	5 marks	TOTAL NO. OF QUESTIONS	TOTAL MARKS
1	**Physical World and Measurement** Chapter–2: Units and Measurements	3		2			5	9
2	**Kinematics** Chapter–3: Motion in a Straight Line Chapter–4: Motion in a Plane	5	1	2	1	2	11	27
3	**Laws of Motion** Chapter–5: Laws of Motion	5	2	2	1		10	19
4	**Work, Energy and Power** Chapter–6: Work, Energy and Power	3	2	1		1	7	15
Total Marks		16	10	21	8	15	33 70	70

MARKING SCHEME AND BLUE PRINT

FINAL/TERM-II EXAMINATIONS -2024- 25

SUBJECT : PHYSICS (THEORY- Code No. 042)

SL. NO.	Unit/Chapter	1 mark	2 marks	3 marks	4 marks	5 marks	Total No. of Questions	Total Marks
1	**Physical World and Measurement** Chapter–2: Units and Measurements	1		1			2	4
2	**Kinematics** Chapter–3: Motion in a Straight Line Chapter–4: Motion in a Plane	2	1	1		1	5	12
3	**Laws of Motion** Chapter–5: Laws of Motion	2	1	1			4	7
4	**Work, Energy and Power** Chapter–6: Work, Energy and Power	1				1	2	6
5	**Motion of System of Particles and Rigid Body** Chapter–7: System of Particles and Rotational Motion	4	1				5	6
6	**Gravitation** Chapter–8: Gravitation		1	1			2	5
7	**Properties of Bulk Matter** Chapter–9: Mechanical Properties of Solids Chapter–10: Mechanical Properties of Fluids Chapter–11: Thermal Properties of Matter	2		1	1	1	5	14
8	**Thermodynamics** Chapter–12: Thermodynamics	1		1			2	4
9	**Behaviour of Perfect Gases and Kinetic Theory of Gases** Chapter–13: Kinetic Theory	2					2	2
10	**Oscillations and Waves** Chapter–14: Oscillations Chapter–15: Waves	1	1	1	1		4	10
TOTAL MARKS		16	10	21	8	15	33 70	70

SUBJECT- CHEMISTRY

Month	Chapter number and name	Lab Activity
April	1) Some basic concepts of chemistry & structure of atoms	Qualitative Analysis: Salt Analysis - Acid Radicals:- Carbonate & Sulphide ion
May	2) Structure of Atom	• Acetate and Sulphite ion
June	3) Classification of elements and periodicity in properties & Chemical Bonding	• Chloride, Bromide and Iodide ion
July	4) Chemical bonding & Chemical Thermodynamics	• Nitrite & Nitrate ion
Aug	5) Thermodynamics	• Sulphate & Phosphate ion
Sep	Revision First Term	Revision
Oct	Equilibrium & Redox	Titration:- By titrating against M/20 Sodium Carbonate, find out molarity & strength of given Hydrochloric acid
Nov.	Organic chemistry - Some Basic principles & Techniques	By titrating against M/10 Oxalic acid , find out molarity and strength of given Sodium Hydroxide solution.
Dec.	Hydrocarbon	Basic Radicals - Ammonium & Lead ion.
Jan.	Hydrocarbon + Revision	Basic Radicals - Aluminium & Copper ion.
Feb.	Revision Second term	Revision

Blueprint for Exam Question paper

There will be no overall choice. However, internal choices will be there.

Type	Marks for each question	Number of questions	Total marks
Objective	1	16	16
Short answer	2	5	10
Short answer	3	7	21
Case based	4	2	08
Long answer	5	3	15
Total			70

SUBJECT-BIOLOGY

Month wise Breakup of Syllabus

FIRST TERM SYLLABUS

Unit No.	Title (Topic).	Month of Completion
Unit I	Chapter 1. Living World.	JUNE
	2. Biological Classification	
	3. Plant Kingdom	
	4. Animal Kingdom	
Unit II.	Chapter 5. Morphology of Flowering plants.	JULY
	6. Anatomy of Flowering Plants	
	7. Structural Organization in Animals	
Unit III.	Chapter 8. Cell-The unit of life.	AUGUST/SEPTEMBER
	9. Biomolecules	
	10. Cell cycle and Cell division	

ANNUAL EXAM SYLLABUS

Unit No.	Title (Topic).	Month of Completion
Unit IV.	Chapter 11. Photosynthesis in Higher Plants. .	OCTOBER/NOVEMBER
	12. Respiration in Plants	
	13. Plant Growth and Development	
Unit V.	Chapter 14. Breathing and Exchange of Gases.	DECEMBER/JANUARY
	15. Body fluids and Circulation	
	16. Excretory Products and their Elimination	
	17. Locomotion and Movement	
	18. Neural Control and Coordination	
	19. Chemical Coordination and Integration	

BLUEPRINT OF CLASS XI BIOLOGY

UNIT	TITLE	MARKS
I	Diversity of Living Organisms	15
II	Structural Organization in Plants and Animals	10
III	Cell: Structure and Functions	15
IV	Plant Physiology	12
V	Human Physiology	18
TOTAL		70

SUBJECT- BIO-TECHNOLOGY

TERM-I

MONTH	UNIT	CHAPTER	NO. OF PERIODS
APRIL	UNIT-I Biotechnology: An overview	Biotechnology: An overview Historical Perspectives, Technology and Applications of Biotechnology, Global market and Biotech Products.	20
MAY & JUNE	UNIT-II: Molecules of Life	CHAPTER 1: Bimolecular: Building BlocksBuilding Blocks of Carbohydrates – Sugars and their Derivatives, Building Blocks of Proteins – Amino Acids, Building Blocks of Lipids – Simple Fatty Acids, Glycerol and Cholesterol, Building Blocks of Nucleic Acids – Nucleotides.	50
JULY	UNIT-II: Molecules of Life	CHAPTER 2: Macromolecules: Structure & Function Carbohydrates – The Energy Givers, Proteins – The Performers, Enzymes – The Catalysts, Lipids and Biomembranes – The Barriers, Nucleic Acids – The Managers	
NOVEMBER	UNIT-III: Genetics and Molecular Biology	CHAPTER 1: Concepts of Genetics Historical Perspective, Multiple Alleles, Linkage and Crossing Over, Genetic Mapping.	30
SEPTEMBER		REVISION FOR TERM I	

TERM-II

MONTH	UNIT	CHAPTER	NO. OF PERIODS
OCTOBER	UNIT III: Genetics and Molecular Biology	2: Genes and Genomes: Structure and Function Discovery of DNA as Genetic Material, DNA Replication, Fine Structure of the Genes, From Gene to Protein, Transcription – The Basic Process, Genetic Code, Translation, Mutations, Human Genetic Disorders.	20
AUGUST	UNIT-IV **Cells and Organisms**	CHAPTER 1: The Basic Unit of Life Cell Structure and Components, Organization of Life	25
DECEMBER	UNIT-IV: **Cells and Organisms**	2: Cell Growth and Development Cell Division, Cell Cycle, Cell Communication, Nutrition, Reproduction, Immune Response in Animals.	20
JANUARY	UNIT-IV: Cells and Organisms	2: Cell Growth and Development REVISION FOR TERM II	

BLUE PRINT OF QUESTION PAPER OF TERM I

UNIT	CHAPTER	MARKS
I	Biotechnology: An overview	15
II	Molecules of Life 1. Bimolecular : Building Blocks	20
II	2. Macromolecules: Structure & Function	20
III	Cell and organisms	15
	PRACTICAL	70
	TOTAL	30

TERM II

UNIT	CHAPTER	MARKS
I	Biotechnology : An overview	5
II	1. Bimolecular: Building Blocks 2. Macromolecules: Structure & Function	20
III	1. Concepts of Genetics 2. Genes and Genomes: Structure and Function	20
IV	1. The Basic Unit of Life 2. Cell Growth and Development	25
	PRACTICAL	70
	TOTAL	30

SUBJECT- COMPUTER SCIENCE

MARKS-70

MONTH	TOPIC	NO. OF HOURS REQUIRED AS PER CBSE GUIDELINES
APRIL,2024	**Unit 1: Computer Systems and Organisation** ● Number System: Binary, Octal, Decimal and Hexadecimal number system; conversion between number systems Basic computer organization: Introduction to Computer System, hardware, software, input device, output device, CPU, memory (primary, cache and secondary), units of memory (bit, byte, KB, MB, GB, TB, PB) ● Types of software: System software (Operating systems, system utilities, device drivers), programming tools and language translators (assembler, compiler, and interpreter), application software **SYLLABUS FOR UT-1 NUMBER SYSTEM** BASIC COMPUTER ORGANIZATION , INPUT AND OUTPUT DEVICES, UNITS OF MENMOREY ETC.,	10 THEORY PERIODS + 10 PRACTICAL PERIODS
MAY,2024	● Operating System (OS) : functions of the operating system, OS user interface ● Boolean logic : NOT, AND, OR, NAND, NOR, XOR, NOT, truth tables and De Morgan's laws, Logic circuits Encoding Schemes : ASCII, ISCII, and Unicode (UTF8, UTF32)	
JUNE,2024	**Unit 2: Computational Thinking and Programming - I** Introduction to Problem-solving: Steps for Problem-solving (Analyzing the problem, developing an algorithm, coding, testing, and debugging), representation of algorithms using flowchart and pseudocode, decomposition ● Familiarization with the basics of Python programming: Introduction to Python, Features of Python, executing a simple "hello world" program, execution modes: interactive mode and script mode, Python character set, Python tokens (keyword, identifier, literal, operator, punctuator), variables, concept of l-value and r-value, use of comments SYLLABUS FOR UT-2-NUMBER SYSTEM, BOOLEAN ALGEBERA	

MONTH	TOPIC	NO. OF HOURS REQUIRED AS PER CBSE GUIDELINES
JULY,2024	● Knowledge of data types: Number(integer, floating point,complex), boolean, sequence(string, list, tuple), None, Mapping(dictionary), mutable and immutable data types. ● Operators: arithmetic operators, relational operators, logical operators, assignment operators, augmented assignment operators, ugmented assignment operators, identity operators (is, is not), membership operators (in not in)	80 THEORY + 60 PRACTICAL PERIODS FOR COMPUTATIONAL THINKING AND PROGRAMMING
AUGUST,2024	Expressions, statement, type conversion, and input/ output: precedence of operators, expression, evaluation of an expression, type-conversion (explicit and Implicit conversion), accepting data as input from the console and displaying output. ● Errors- syntax errors, logical errors, and run-time errors ● Flow of Control: introduction, use of indentation, sequential flow, conditional and iterative flow ● Conditional statements: if, if-else, if-elif-else, flowcharts, simple programs: e.g.: Absolute value, sort 3 numbers and divisibility of a number.	
SEPTEMBER,2024	**REVISION** SYLLABUS FOR TERM 1 - Unit 1: Computer Systems and Organisation- All topics of Unit -1 Unit 2: Computational Thinking and Programming – I up to if else conditional statements.	
OCTOBER,2024	Iterative Statement: for loop, range(), while loop, flowcharts, break and continue statements, nested loops, suggested programs: generating pattern, summation of series, finding the factorial of a positive number, etc. Strings: introduction, string operations (concatenation, repetition, membership and slicing), traversing a string using loops, built-in functions/methods–len(), capitalize(), title(), lower(), upper(), count(), find(), index(), endswith(), startswith(), isalnum(), isalpha(), isdigit(), islower(), isupper(), isspace(),lstrip(), rstrip(), strip(), replace(), join(), partition(), split()	

MONTH	TOPIC	NO. OF HOURS REQUIRED AS PER CBSE GUIDELINES
NOVEMBER, 2024	Lists: introduction, indexing, list operations (concatenation, repetition, membership and slicing), traversing a list using loops, built-in functions/methods– len(), list(), append(), extend(), insert(), count(), index(), remove(), pop(), reverse(), sort(), sorted(), min(), max(), sum(); nested lists, suggested programs: finding the maximum, minimum, mean of numeric values stored in a list; linear search on list of numbers and counting the frequency of elements in a list. SYLLABUS FOR UT-3 –FOR LOOP, WHILE LOOP, STRINGS	
DECEMBER, 2024	Tuples: introduction, indexing, tuple operations (concatenation, repetition, membership and slicing); built-in functions/methods – len(), tuple(), count(), index(), sorted(), min(), max(), sum(); tuple assignment, nested tuple; suggested programs: finding the minimum, maximum, mean of values stored in a tuple; linear search on a tuple of numbers, counting the frequency of elements in a tuple. ● Dictionary: introduction, accessing items in a dictionary using keys, mutability of a dictionary (adding a new term, modifying an existing item), traversing a dictionary,	
JANUARY, 2024	built-in functions/methods – len(), dict(), keys(), values(), items(), get(), update(), del, clear(), fromkeys(), copy(), pop(), popitem(), setdefault(), max(), min(), sorted(); Suggested programs: count the number of times a character appears in a given string using a dictionary, create a dictionary with names of employees, their salary and access them. ● Introduction to Python modules: Importing module using 'import <module>' and using from statement, importing math module (pi, e, sqrt(), ceil(), floor(), pow(), fabs(), sin(), cos(), tan()); random module (random(), randint(), randrange()), statistics module (mean(), median(), mode()). SYLLABUS FOR UT-4-LIST & TUPLE	
FEBRAURY,2024	Unit 3: Society, Law and Ethics ● Digital Footprints ● Digital Society and Netizen: net etiquettes, communication etiquettes, social media etiquettes	

MONTH	TOPIC	NO. OF HOURS REQUIRED AS PER CBSE GUIDELINES
	• Data Protection: Intellectual property rights (copyright, patent, trademark), violation of IPR (plagiarism, copyright infringement, trademark infringement), open source software and licensing (Creative Commons, GPL and Apache) • Cyber Crime: definition, hacking, eavesdropping, phishing and fraud emails, ransom ware, cyber trolls, cyber bullying • Cyber safety: safely browsing the web, identity protection, confidentiality • Malware: viruses, trojans, adware • E-waste management: proper disposal of used electronic gadgets. • Information Technology Act (IT Act) • Technology and society: Gender and disability issues while teaching and using computers. SYLLABUS FOR TERM-II Entire syllabus of Std.XI	20 PERIODS

BLUE PRINT OF TERM-1 (As per CBSE Sample Question Paper)

Subject : Computer Science **Full Marks : 70 (Theory) + 30(Practical)**

Unit	Chapter Name	Total Marks Unit - Wise	No. of Questions Carrying (1 Mark)	No. of Questions Carrying (2 Mark)	No. of Questions Carrying (3 Mark)	No. of Questions Carrying (4 Mark)	No. of Questions Carrying (4 Mark)	Total No. of Questions (Marks)
1	Computer Systems and organization Basic computer organization software Number System - ASCIL, ISCII, unicode Boolean Algebra	25	6(6)	2(4)	2(6)	1(4)	1(15)	12 Quest. 25 Marks
2	**Computational Thinking and Programming - 1**	45						
	Flow Chart Introduction to Python Getting started with python Python Fundamentals Data handling Programming in Python Conditional Statements, if else		12 (12)	5(10)	3(9)	1(1)	2(10)	23 Quest. (45 Marks)
	Total No. of Questions (Marks)							35 Quest. (70 Marks)

SUBJECT - ECONOMICS

APRIL (end)	**UNIT-1 INTRODUCTION (INTRODUCTORY MICROECONOMICS)** What is Economics; meaning of microeconomics and macroeconomics; positive and normative economics; Central problems of an economy.
MAY	**UNIT-1 INTRODUCTION (INTRODUCTORY MICROECONOMICS)** Concepts of production possibility frontier and opportunity cost. **UNIT-1 INTRODUCTION(STATISTICS FOR ECONOMICS)** Meaning, scope, functions and importance of statistics in Economics
JUNE	**UNIT 2 Consumer's Equilibrium and Demand** Meaning of utility, marginal utility, law of diminishing marginal utility; conditions of consumer's equilibrium using marginal utility analysis. **UNIT 2 Collection, Organisation and Presentation of data** Collection of data- sources of data- primary and secondary; sampling and its different types; methods of collecting data; Census of India and National Sample Survey Organization.
JULY	**UNIT 2 Consumer's Equilibrium and Demand** Indifference curve analysis of consumer's equilibrium; Demand; market demand; determinants of demand; demand schedule; demand curve and its slope; movement along the demand curve and shifts in the demand curve. **UNIT 2 Collection, Organisation and Presentation of data** Organization of data; Presentation of data- tabular and diagrammatic presentation of data; bar diagram; pie diagram; histogram; polygon; ogive; arithmetic line graph **UNIT 3 STATISTICAL TOOLS AND INTERPRETATION** Measures of Central Tendency- Mean; median.
AUGUST	**UNIT 2 Consumer's Equilibrium and Demand** Price elasticity of demand; factors affecting price elasticity of demand; measurement of price elasticity of demand. **UNIT 3 STATISTICAL TOOLS AND INTERPRETATION** Measures of Central Tendency- Mode REVISION
SEPTEMBER	**HALF YEARLY EXAMINATION**
OCTOBER	**UNIT 3 Producer behaviour and Supply** Meaning of production function- Short run and long run; Total product, average product, marginal product; return to a factor. Collection of Data Tabular Presentation

NOVEMBER	**UNIT 3 Producer behaviour and Supply** Cost- Short run cost- total cost, total fixed cost, total variable cost, average variable cost, average fixed cost, average cost and marginal cost- meaning and their relationship. Revenue- total, average and marginal revenue- meaning and their relationship. **UNIT 3 STATISTICAL TOOLS AND INTERPRETATION** Correlation- meaning and properties; scatter diagram.
DECEMBER	**UNIT 3 Producer behaviour and Supply** Producer's equilibrium- meaning and its conditions in terms of marginal revenue-marginal cost; Supply, market supply, determinants of supply, movement along and shift in supply, price elasticity of supply. **UNIT 4 Forms of market** **UNIT 3 STATISTICAL TOOLS AND INTERPRETATION** Correlation- Karl Pearson's method, Spearman's rank correlation
JANUARY	**UNIT 4 Forms of market and price determination under perfect competition with simple applications.** **UNIT 3 STATISTICAL TOOLS AND INTERPRETATION** Introduction to index number- meaning, types- WPI, CPI , index of industrial production, uses of index numbers.
FEBRUARY	**REVISION, PROJECT WORK**
MARCH	**FINAL TERM EXAMINATION**

		WEIGHTAGE IN HALF YEARLY EXAMINATION					**No.**
			VSA 1 mark	SA 3 mark	SA 4 marks	LA 6 marks	
PART A INTRODUCTORY MICROECONOMICS	UNIT 1 INTRODUCTION	16 marks	3	1	1		5
	UNIT 2 CONSUMER'S EQUILIBRIUM AND DEMAND	24 marks	7	1	2	2	12
PART B STATISTICS FOR ECONOMICS	UNIT 1 INTRODUCTION	10 marks	2	1	1		4

		WEIGHTAGE IN HALF YEARLY EXAMINATION					No.
	UNIT 2 ORGANISATION OF DATA	10 marks	2	1		1	4
	UNIT 2 DIAGRAMATIC & GRAPHICAL PRESENTATION UNIT 3 MEASURES OF CENTRAL TENDENCY (MEAN)	20 marks	6		2	1	9
TOTAL		80 marks	20	12	24	24	34

ECONOMICS FOR SENIOR SECONDARY

MICRO ECONOMICS (40 marks)							
SL NO.	**TOPICS**	**MARKS**	**MCQ (1mark each)**	**VSA (3 marks each)**	**SA (4 marks each)**	**LSA (6 marks each)**	**TOTAL (No. of questions)**
1	INTRODUCTION TO MICRO ECONOMICS	10	2	1		1	4
2.	CONSUMER EQUILIBRIUM	15	5		1	1	7
3.	THEORY OF DEMAND AND ITS ELASTICITY	15	3	1	2		6
STATISTICS FOR ECONOMICS(40 marks)							
1.	INTRODUCTION TO STATISTICS.	10	2		1		3
2.	ORGANISATION OF DATA	8	2		1		3
3.	DIAGRAMMATIC PRESENTATION OF DATA	7	2	1		1	4
4.	GRAPHICAL PRESENTATION OF DATA	8	2	1			3
5.	ARITHMATIC MEAN	7	2		1	1	4

SUBJECT - ACCOUNTANCY (055)

UNIT	NAME	MONTH	SA 1	SA 2
1.	PART A Theoretical Framework a. Introduction to Accounting b. Theory base of Accounting	 April April/May	 14 14	 12
2.	Accounting Process a. Recording of transactions b. Journal and GST c. Cash book and special purpose subsidiary books d. Ledger	 June June/July July/Aug Sep	 52	 44
	HALF YEARLY EXAMINATION (SEPTEMBER)			
	Accounting Process a. Bank Reconciliation Statement b. Depreciation, Provisions and Reserves c. Trial Balance and Rectification of Errors	 October October November	--- --- 	
	PART B			
3.	Financial Statements of Sole Proprietorship from complete and incomplete records a. Financial statements with and without adjustments b. Incomplete records	 December January	---	24
5.	Project work		20	20
	TOTAL		100	100
	ANNUAL EXAMINATION			

HALF YEARLY
BLUE PRINT- ACCOUNTANCY XI

UNIT	TOPIC	VSA (1mark)	SA (3marks)	LA(I) (4marks)	LA (II) (6marks)	Total
	Theoretical Framework Introduction to accounting Theory base of accounting	 4 4	 2 *	 1 1	 * 1	 14 14
2.	Accounting Process:					52
	Recording of transactions (source documents and accounting equation)	2	1	*	1	
	Journal and GST	3	1	*	2	
	Cash Book and Subsidiary Books	5	1	*	1	
	ledger	2	1	1	*	
	Total	1x20	3x6	4x3	6x5	80

ANNUAL EXAMINATION

BLUE PRINT- ACCOUNTANCY XI

UNIT	TOPIC	(1 Mark)	(3marks)	(4marks)	(6marks)	Total
1.	Theoretical Framework	2	2	1	*	12
2.	Accounting Process	13	3	1	3	44
3.	Financial Statement of Sole proprietorship from complete and incomplete records.	5	1	1	2	24
4.	Project work					
	Total	1x20	3x6	4x3	6x5	80

BUSINESS STUDIES (Code No. 054)

Theory: 80 Marks Project: 20 Marks

Units	Name of the Chapter	Month	HY	ANNUAL
PART A	FOUNDATION OF BUSINESS			
1	Nature and Purpose of Business	April	34	
2	Forms of Business Organisations	April – May		16
3	Public, Private and Global Enterprises	May - June	34	
4	Business Services	July		14
5	Emerging Modes of Business	August	12	
6	Revision	August - September		10
PART B	FINANCE AND TRADE			
7	Social Responsibility of Business			
8	Sources of Business Finance	October		
9	Small Business and Enterprises	November		20
10	Internal Trade	December		
11	International Business	December -January		20
	PROJECT WORK	Summer Vacation – Winter Vacation	20	20
	Total Marks		100	100

BLUE PRINT XI BUSINESS STUDIES (2024-25) Half Yearly

S.N	Chapter Name	1M	3M	4M	6M	Total
1	Nature and Purpose of Business	10	2	3	1	34
2	Forms of Business Organizations					
3	Public, Private and Global Enterprises	7	1	3	2	34
4	Business Services					
5	Emerging Modes of Business	3	1	-	1	12
		20Q	4Q	6Q	4Q	80

MARK ANALYSIS

MARKS	NO. OF QUESTION	TOT.(marks x no. Of question)	Optional/ Choice Question
1	20	20	Nil
3	4	12	2
4	6	24	3
6	4	24	2
	34	80	

SUBJECT - APPLIED MATHEMATICS (241)

MONTH	TOPIC	ACTIVITY/ PROJECT
APRIL	UNIT-2 ALGEBRA .Ch. – 5 SETS AND RELATIONS , Ch. - 6 SEQUENCES AND SERIES (INTRODUCTION.	PROJECT : 1. Collect marks of 5 students and calculate average of average of the students .
MAY	UNIT-2 ALGEBRA Ch. - 6 SEQUENCES AND SERIES (Contd.) Ch. – 7 PERMUTATIONS AND COMBINATIONS	
JUNE	UNIT-3 MATHEMATICAL REASONING Ch. – 8 LOGICAL REASONING UNIT - 1 NUMBERS, QUANTIFICATION AND NUMERICAL APPLICATIONS Ch.- 1 NUMBERS Ch.- 2 INDICES AND LOGARITHMS Ch.- 3 QUANTITATIVE APTITUDE	
JULY	UNIT - 1 NUMBERS, QUANTIFICATION AND NUMERICAL APPLICATIONS Ch. – 4 MENSURATION Ch. – 17 STRAIGHT LINE	
AUGUST	UNIT – 4 CALCULUS Ch. – 9 FUNCTIONS	
SEPTEMBER	REVESION AND TERM – I EXAMINATION	
OCTOBER	UNIT – 4 CALCULUS Ch. - 10 LIMITS & CONTINUTY Ch. – 11 DIFFERENTIATION	
NOVMBER	UNIT – 5 Ch.- 12 PROBABILITY UNIT – 6 Ch. – 13 DESCRIPTIVE STATISTICS	
DECEMBER	UNIT – 7 FINANCIAL MATHEMATICS Ch. – 14 COMPOUND INTEREST AND ANNUITY Ch. – 15 TAXATION Ch. – 16 UTILITY BILLS	PROJECT : 2.PREPARE THE SALARY SLIP OF 5 EMPLOYEE ON EXCEL SHEET
JANUARY	UNIT – 8 COORDINATE GEOMETRY Ch- - 18 CIRCLE AND PARABOLA	
FEBRUARY	REVESION AND ANNUAL EXAMINATION	

MARKING SCHEME/BLUE PRINT FOR FIRST TERM EXAMINATION

SUBJECT : APPLIED MATHEMATICS **CLASS : XI**

CHAPTER NAME	1Mark(18) & (Assertion / Reasoning based) (2)	2Marks (5) Very Short Answer Questions	3Marks (6) Short Answer Questions	5Marks (4) Long Answer Question	4Marks(1+1+2) (3)Case Study Based Questions	Total (38) questions
1. Binary Numbers	3	1	1	--------	--------	08
2. Indices & Logarithms	3	1	1	1(OR)	--------	13
3. Quantitative Aptitude	2 +1(A/R)	1	------	1	1	14
4. Mensuration	3	------	1(OR)	--------	1	10
5. Set & Relation	2	1	------	--------	1	08
6. Sequence & Series	2+1(A/R)	1	1	1	--------	13
7. Permutations & Combination 17. Straight Line Or 9. Functions .	---------	------	1(OR)	1(OR)	--------	08
8. Logical Reasoning	3	--------	1(OR)	--------	--------	06
	(2) +18	10	18	20	12	80

SUB: INFORMATICS PRACTICES WITH PYTHON (065)

MONTH WISE SYLLABUS DISTRIBUTION 2024-25

MONTH	PORTION
APRIL	**INTRODUCTION TO COMPUTER SYSTEMS** • Introduction to Computer : Introduction to computer system, hardware, software, input device, output device, CPU, • Computer memory (primary, cache and secondary), units of memory (Bit, Byte, KB, MB, GB, TB, PB) • Types of Software: System Software, Application software (Proprietary software, Freeware, Firmware, Open Source) & Utility Software, Data deletion, backup and recovery.
MAY	**INTRODUCTION TO PYHTON** • Basics of Python programming: Interactive & Script mode. • Concept of Tokens: Keywords, Identifiers, Literals, Operators & Punctuators. Use of various tokens, basic programming in python, importance of indentation. Precedence of operators, types of comments.
JUNE	**INTRODUCTION TO PYHTON CONTD.** • Concept of data types, mutable & immutable data types. • Statements, expression and evaluation of expression using various types of operators. • Data type conversion, • Errors: syntax errors, logical errors, runtime errors, debugging • Simple programming
JULY	**INTRODUCTION TO PYHTON CONTD.** • Flow of control: Introduction, use of indentation, sequential flow, conditional and iterative flow of control • Introduction of conditional statements: if-else , if – elif – else . Programming using conditional statements. • Iterative statements: for loop, range function, while loop, flowcharts, break and continue statements, nested loops, suggested programs: generating pattern, summation of series, finding the factorial of a positive number etc.
AUGUST	• **Lists:** Introduction, indexing, list operations (concatenation, repetition, membership & slicing), traversing a list using loops, built-in functions: len(), list(), append(), extend(), insert(), count(), index(), remove(), pop(), reverse(), sort(), sorted(), min(), max(), sum(); nested lists, suggested programs: finding the maximum, minimum, mean of numeric values stored in a list; linear search on list of numbers and counting the frequency of elements in a list
SEPTEMBER	• Revision of First Terminal full syllabus.

MONTH	PORTION
OCTOBER	**INTRODUCTION TO PYHTON CONTD.** • DICTIONARY: Concept of key-value pair, creating of dictionary, initializing, traversing, updating, and deletion of element, dictionary methods and in-built functions – dict(), len(), keys(), values(), items(), update(),fromkeys(), copy(), pop(), popitem(), setdefault(), max(), min(), count(), sorted(), copy(); suggested programs : count the number of times a character appears in a given string using a dictionary, create dictionary with names and their salary and access them. **DATABASE MANAGEMENT** • Database concepts: introduction to database concepts and its need • Relational data model: relation, attribute, tuple, domain, degree, cardinality, keys (candidate, primary, alternate, foreign, composite)
NOVEMBER	**DATABASE MANAGEMENT CONTD.** • SQL: Introduction, DDL and DML, data type (char(n), varchar(n), int, float, date), constraints (not null, unique, primary key), create database, • DDL: CREATE DATABASE, USE DATABASE, SHOW DATABASE, DROP DATABASE, CREATE TABLE SHOW TABLES, DESCRIBE TABLE, ALTER TABLE (add & remove an attribute, add & remove primary key), DROP TABLE, • DML : INSERT , SELECT
DECEMBER	**DATABASE MANAGEMENT CONTD.** • DML: Select command, Use of operators (mathematical, relational and logical), aliasing, distinct, where clause, in, between, order by, meaning of null, is null, is not null, like, not like. • Update command, delete command, aggregate functions (max, min, avg, sum, count),
JANUARY	**INTRODUCTION TO EMERGING TRENDS** • Artificial Intelligence (Machine learning , Deep learning, NLP) • Immersive Experience (AR,VR), Robotics, Big Data and its characteristics, IoT, Sensons, Smart cities, Cloud Computing, Cloud Services (SaaS, IaaS, PaaS), Grid Computing , Block chain technology.

HISTORY SYLLABUS 2024-25

(Code No. 027)

Theme/ Title	No. of periods	Marks
Introduction of world History	10	
Introduction Timeline I (6 MYA TO 1 BCE)	05	
Writing and City Life	20	10
Introduction Timeline II (C. 100 BCE TO 1300 CE)	05	
An Empire Across Three Continents	20	10
Nomadic Empires	20	10
Introduction Timeline III (C. 1300 TO 1700)	05	
The Three Orders	20	10
Changing Cultural Traditions	20	10
Introduction Timeline IV (C. 1700 TO 2000)	05	
Displacing Indigenous Peoples	20	10
Paths to Modernisation	20	15
Map work of the related Themes	15	05
Theory Total		80
Project work	25	20
TOTAL	210	100

S.N	THEMES
1	**MONTH- APRIL** Introduction to World History **SECTION A- EARLY SOCIETY** **CHAPTER 1-** Writing and City Life - Focus: Iraq, 3rd millennium BCE A. Growth of towns B. Nature of early urban societies D. Historians' Debate on uses of writing **LEARNING OBJECTIVES:-** To familiarize the learner with the interwoven social and cultural aspects of civilization and bring about the connection between city life and culture of contemporary civilizations through their writings. To discuss whether writing s significant as a marker of civilization. Suggestive Teaching learning process To use a table to bring out the connection between city life and culture of contemporary civilizations.

S.N	THEMES
	Group discussion to discuss whether writing is significant as a marker of civilization. Using Visuals to explain **LEARNING-OUT COME: -** ● Compare and analyze the transformation from Neolithic to Bronze Age Civilization in order to understand the myriad spheres of human development. ● Elucidate the interwoven social and cultural aspects of civilization in order to understand the connection between city life and culture of contemporary civilizations. ● Analyze the outcomes of a sustained tradition of writing.
2	**MONTH- MAY & JUNE** **SECTION B- EMPIRE** **CHAPTER 2-** An Empire a cross three continents **LEARNING OBJECTIVES:-** To familiarize the learner with the dynamics of the Roman Empire history of a major world empire. To discuss implications of Roman's contacts with the subcontinent empires and explain slavery was a significant element in the economy. To discuss the cultural transformation in that period & impact of the slavery in development of a country. **Suggestive Teaching learning process** Use of maps to facilitate an easier comprehension of the changing dynamics of political history. Group discussion on slavery as a significant element in the economy. Use of flow chart to learn the cultural transformation during that period. **LEARNING OUTCOME** Explain and relate the dynamics of the Roman Empire in order to understand their polity, economy, society and culture. Analyse the implications of Roman's contacts with the subcontinent empires and discuss about slavery. Examine the domains of cultural transformation in that period & the impact of slavery.
3	**MONTH- JULY** **SECTION B- EMPIRE** CHACHAPTER 3- Nomadic Empires **LEARNING OBJECTIVES:-** To understand the varieties of nomadic society and their institutions. To locate the places in the map and comprehend the spread of the nomadic society. Discuss whether state formation is possible in nomadic societies.

S.N	THEMES
	Suggestive Teaching learning process Discussion on the life of pastoralist society. Textual reading and discussion about Genghis Khan. Watching Genghis Khan film and distinguish between the Mongolian people's perspective and the world's opinion about Genghis Khan. **LEARNING OUTCOME** Identify the living patterns of nomadic pastoralist society. Trace the rise and growth of Genghis Khan in order to understand him as an oceanic ruler. Analyse socio-political and economic changes during the period of the descendants of Genghis Khan.
4	**MONTH- AUGUST** **SECTION C- CHANGING TRADITION** **CHAPTER 4-** THREE ORDERS **LEARNING OBJECTIVES: -** Make the learner understand the nature of the economy and society of this period and the changes within them. Show how the debate on the decline of feudalism helps in understanding processes of transition. **SUGGESTIVE TEACHING LEARNING PROCESS** Debate and explain the Historical phenomenon of feudalism. Discussion on the impact of feudalism. Pictures and discussions held on renaissance paintings' or 'slave trade' **LEARNING OUTCOME** Explain the myriad aspects of feudalism with special reference to first, second, third and fourth order of the society. Relate between ancient slavery and serfdom. Assess the 14th century crisis and rise of the nation states
5	REVISION
6	HALF YEARLY EXAM- CHAPTER-1, 2, 3 & 4
7	**MONTH- OCTOBER & NOVEMBER** **SECTION C- CHANGING TRADITION** **CHAPTER 4-** CHANGING CULTURAL TRADITIONS

S.N	THEMES
	LEARNING OBJECTIVES: - • To Explore the intellectual trends and events in the period. • To appreciate the paintings and buildings of the period. • To make a comparative study on women and monuments of Renaissance periods. • To engage in a debate around the idea of 'Renaissance' it's positive and negative impact. • To discuss the Roman Catholic Church's response to the Protestant Reformation. **SUGGESTIVE TEACHING LEARNING PROCESS** Photos and Video clippings to understand the events and its impact. Field trip and research work on architectural and literary developments. Graphic chart to compare the life of women during this period. Group work on Protestant reformation and catholic reformation and de brief. **LEARNING OUTCOME** Analyse the causes, events, and effects of the Renaissance, Reformation, Scientific Revolution, and Age of Exploration. Relate the different facets of Italian cities to understand the characteristics of Renaissance. Humanism and Realism. Compare and contrast the condition of women in the Renaissance period. Recognize major influences on the architectural, artistic, and literary developments to understand the facades of Renaissance. Critically analyse the impact on later reforms. Evaluate the Roman Catholic Church's response to the Protestant Reformation.
8	**MONTH- DECEMBER** **SECTION D- TOWARDS MODERNIZATION** **CHAPTER 6- DISPLACING INDIGENOUS PEOPLE** **LEARNING OBJECTIVES: -** To recall the time of modernization. Sensitize students to the processes of displacements that accompanied the development of America and Australia. Understand the implications of such processes for the dis- placed populations. Reason out the causes of displaced population and its impact on society. **SUGGESTIVE TEACHING LEARNING PROCESS** Use of factsheets, debates and group-discussions on such issues of displacements, supported with maps Narration of events with picture charts.

S.N	THEMES
	LEARNING OUTCOME Remember and understand the time frame. Evaluate the process of displacements of the native people which led to the development of America and Australia to understand their condition. To analyse the realms of settlement of Europeans in Australia and America. Compare and contrast the lives and roles of indigenous people in these continents.
9	**MONTH- JANUARY** **SECTION D- TOWARDS MODERNIZATION** **CHAPTER 7 - PATHS TO MODERNIZATION** **LEARNING OBJECTIVES: -** Show how notions like 'modernization' need to be critically assessed. Make students aware that transformation in the modern world takes many different forms. Discuss the domains of Japanese nationalism. To understand the nationalist upsurge in China And to learn about the era of communism. **SUGGESTIVE TEACHING LEARNING PROCESS** Demonstrate an understanding of the concept of modernization and its application in various forms. Research work and textual reading to comprehend the impact of modernization. Videos to understand the upsurge in China and learn about the era. **LEARNING OUTCOME** Deduce the histories of China and Japan from the phase of imperialism to modernization. Explore the Japanese political, cultural and economic system prior to and after the Meiji Restoration. Analyse the domains of Japanese nationalism prior and after the Second World War. Summarize the nationalist upsurge in China from Dr Sun Yet Sen to Mao Ze Dong to understand the era of communism. To analyse the Chinese path to modernization under Deng Xio Ping and Zhou en Lai in order to understand the transformation from rigid communism to liberal socialism.
10	**MONTH- JANUARY Map Work (All Units) Project Work** For detailed information related to completion of Project, go through the Guidelines given by CBSE (www.cbse.nic.in)
11	REVISION ANNUAL-EXAMINATION (FEBRUARY- MARCH) WILL INCLUDE ENTIRE SYLLABUS.

POLITICAL SCIENCE 2024-25

SL.NO	MONTHS	PART 1	PART 2
1	APRIL	CH 1-CONSTITUTION: WHY AND HOW CH2- RIGHT IN THE INDIAN CONSTITITION	CH 1 – POLITICAL THEORY AND INTRODUCTION
2	MAY	CH3- ELECTION AND REPRESENTATION	CH 1 TO BE CONTINUED
3	JUNE	CH 3 TO BE CONTINUED	CH 2 FREEDOM
4	JULY	CH 4 EXECUTIVE CH 5 LEGISLATIVE	CH 3 EQUALITY
5	AUGUST	CH 6 JUDICIARY	CH 4 SOCIAL JUSTICE
6	SEPTEMBER	CH 7 FEDERALISM REVISION + 1ST TERM EXAM	REVISION + 1ST TERM EXAM
7	OCTOBER	CH 7 TO BE CONTINUED	CH 5 RIGHTS
8	NOVEMBER	CH 8 LOCAL GOVERNMENT	CH 6 CITIZENSHIP
9	DECEMBER	CH 9 CONSTITUTION AS A LIVING DOCUMENT	CH 7 NATIONALISM
10	JANUARY	CH 10 THE PHILOSOPHY OF THE CONSTITUTION	CH 8 SECULARISM

BOOK 1

Chapter wise Mark Distribution

SL NO	CHAPTER	MARKS	TERM 1
1	CH 1-CONSTITUTION: WHY AND HOW	4	6
2	CH2- RIGHT IN THE INDIAN CONSTITITION	4	6
3	CH3- ELECTION AND REPRESENTATION	6	8
4	CH 4 EXECUTIVE	4	7
5	CH 5 LEGISLATIVE	4	7
6	CH 6 JUDICIARY	4	6
7	CH 7 FEDERALISM	6	-
8	CH 8 LOCAL GOVERNMENT	4	-
9	CH 9 CONSTITUTION AS A LIVING DOCUMENT	2	-
10	CH 10 THE PHILOSOPHY OF THE CONSTITUTION	2	-

BOOK 2

SL NO	CHAPTER	MARKS	TERM 1
1	CH 1- POLITICAL THEORY AND INTRODUCTION	4	8
2	CH2- FREEDOM	6	8
3	CH3- EQUALITY	6	8

SL NO	CHAPTER	MARKS	TERM 1
4	CH 4 SOCIAL JUSTICE	6	8
5	CH 5 - RIGHTS	4	8
6	CH 6 CITIZENSHIP	4	-
7	CH 7 - NATIONALISM	4	-
8	CH 8 - SECULARISM	6	-

Pattern And Marking Scheme of Question Paper

SECTIONS	Weightage
SECTION A- MCQs	12
SECTION B- VSA	12
SECTION C – SHORT ANSWER TYPE	20
SECTION D – PASSAGE, CARTOON, AND MAP BASED QUESTIONS	12
SECTION E- LONG ANSWER TYPE QUESTIONS	24
TOTAL MARKS	80

SUBJECT- GEOGRAPHY

PRESCRIBED BOOKS- 1. FUNDAMENTALS OF PHYSICAL GEOGRAPHY (NCERT)

2. INDIA- PHYSICAL ENVIRONMENT (NCERT)

3. PRACTICAL WORK IN GEOGRAPHY (NCERT)

Month	Book 1	Book 2	Practical Work
June	Unit 1 1. Geography as a Discipline	1. India - Location	Introduction to Maps
July	Unit 2 2. The Origin and Evolution Of The Earth	2. Structure & Physiography	Map Scale
	Unit 2 3. Interior of The Earth	Unit 1 1. India-Location	Introduction to Maps
August	Unit 2 4. Distribution of Oceans And Continents Unit 3 6. Geomorphic Processes	Unit 2 3. Drainage System	Latitude Longitude and Time
	Unit 3	Diagrams and Revision	
September	Revision + Term-I	Revision + Term-I	Revision+ Term-1
October	Unit 3 7. Land Forms & their Evolution 8. Composition and Structure of Atmosphere 9. Solar Radiation, Heat Balance and Temperature	Unit 3 4. Climate	Map Projection
November	10. Atmospheric Circulation And Weather Systems 11. Water in the Atmosphere	Climate- to be Continued	Topographical Map
December	13. Water (Oceans)	5. Natural Vegetation	Introduction To Remote Sensing
January	14. Movements Of Ocean Water		Introduction To Remote Sensing- To Be Continued
February	Revision+Exam	Revision+Exam	Revision+Exam

Overall Question Pattern

OVERALL PATTERN OF THE QUESTION PAPER TYPE OF QUESTION	MARKS	NUMBER OF QUESTIONS	TOTAL MARKS
MULTIPLE CHOICE QUESTIONS	1 mark each	17	1 x 17= 17m
SOURCE BASED QUESTIONS	3 marks each	2	3 x 2 = 6m
SHORT ANSWER QUESTIONS	3 marks each	4	3 x 4 = 12m
LONG ANSWER QUESTIONS	5 marks each	5	5 x 5 = 25m
MAP	1 mark each	10	1 x 10 = 10m

BLUE PRINT FOR TERM 1 / HALF YEARLY EXAMINATION (CLASS XI)

BOOK 1: FUNDAMENTALS OF PHYSICAL GEOGRAPHY

BOOK 2: INDIA- PHYSICAL ENVIRONMENT

BLUE PRINT FOR TERM 1

CHAPTERS	1marks (MCQ)	3 marks (source-based)	3 marks (short answer)	5 marks (long ans)	MAP (10 marks)	TOTAL
GEOGRAPHY AS A DISIPLINE	1	--	1	--		4 marks
THE ORIGIN AND EVOLUTION OF THE EARTH	2	--	1	--	--	4 marks +1 = 5 marks
INTERIOR OF THE EARTH	2	1	--	--		4 marks + 6 = 10 marks
DISTRIBUTON OF OCEAN AND CONTINENTS		--	--	1	5	10 marks
GEOMORPHIC PROCESSES	1	--	--	1		6 marks
LANDFORMS AND EVOLUTION		--	--		--	
INDIA-LOCATION	4	--	1		1	8 marks
STRUCTURE AND PHYSIOGRAPHY	3	--	1	1	3	14marks
DRAINAGE SYSTEM	4	1	--	1	1	13 marks
TOTAL	1 x 17 = 17 m	3 x 2 = 6m	3 x 4 = 12m	5 x 5 = 25m	1 x 10 = 10m	70

SUBJECT – PHYSICAL EDUCATION (048)

MONTHLY SYLLABUS FOR CLASS XI (24-25)

UNIT	UNIT NAME	MONTH	NO OF PERIODS
UNIT – 1	CHANGING TRENDS & CAREER IN PHYSICAL EDUCATION.	APRIL & MAY	15
UNIT – 2	OLYMPIC VALUE EDUCATION.	APRIL & MAY	10
UNIT – 3	YOGA.	JUNE & JULY	14
UNIT – 4	PHYSICAL EDUCATION AND SPORTS FOR CWSN.	JUNE & JULY	13
UNIT – 5	PHYSICAL FITNESS, WELLNESS.	AUGUST	10
UNIT – 6	TEST, MEASUREMENT AND EVALUATION.	AUGUST	15
UNIT – 7	FUNDAMENTALS OF ANATOMY AND PHYSIOLOGY IN SPORTS.	SEPTEMBER	15
UNIT – 8	FUNDAMENTALS OF KINESIOLOGY AND BIOMECHANICS IN SPORTS.	SEPTEMBER	15
UNIT – 9	PSYCHOLOGY AND SPORTS.	OCTOBER	13
UNIT – 10	TRAINING AND DOPING IN SPORTS.	NOVEMBER	14
	REVISION	DECEMBER & JANUARY	
	PRACTICAL (03)		56

SUB. - COMPUTER SCIENCE

BLUE PRINT FOR TERM-1 (AS PER CBSE SAMPLE QUESTION PAPER)

Unit No.	Chapter Name	Total Marks Unit-Wise	No of Questions Carrying (1 Marks)	No. of Question Carrying (2 Marks)	No. of Questions Carrying (3 Marks)	No. of Questions Carrying (4 Marks)	No. of Question Carrying (5 Marks)	Total No. of Questions (Marks)
1	Computer System and organization Basic organization Basic computer organization Software Number System-ASCII, ISCII, unicode Boolean Algebra	25	6 (6)	2 (4)	2 (6)	1 (4)	1 (5)	12 Questions (25 Marks)
2	Computational Thinking and Programming - 1	45						
	Flow chart Introduction to Python Getting started with python Python Fundamentals Data handling Programming in Python Conditional statement, if else		12 (12)	5 (10)	3 (9)	1 (4)	2 (10)	23 Questions (45 Marks)
	Total No. of Questions (Marks)	70	18 (18)	7 (14)	5 (15)	2 (8)	3 (15)	35 Questions (70 Marks)

SUBJECT : HINDI

Month	Topics to be Covered	Total Working Days
April		
May	पुस्तक का नाम. पाठ विवरण	
June	आरोह भाग भाग एक गद्य खंड पाठ एक नमक का दरोगा काव्य खंड पाठ एक कबीर	13 Days
July	आरोह भाग 1गद्य खंड पाठ 2 मियां नसीरुद्दीन काव्य खंड पाठ दो मीराबाई अभिव्यक्ति और माध्यम - परिपत्र कार्य सूची कार्यार्कृत	26 Days
August	आरोह भाग एक - गद्य खंड पाठ तीन अप्पू के ढाई साल अभिव्यक्ति और माध्यम - जनसंचार माध्यम स्वावृत्त लेखन प्रतिवेदन लेखन	25 Days
September	गद्य खंड पाठ कर विदाई संभाषण वितान भाग भागएक- भारती गायिकाओं में बेजोड़ लता मंगेशकर प्रथम संकलनात्मक परीक्षा	23 Days
October	आरोह भाग एक काव्य खंड -6 चंपा काले काले अक्षर नहीं चिन्हती, अभिव्यक्ति और माध्यम - स्ववृत्त लेखन, शब्दकोश आरोह भाग एक - गद्य खंड पाठ सात रजनी काव्य खंड साए में धूप दुष्यंत कुमार	18 Days
November	निबंध औपचारिक पत्र लेखन आरोह भाग एक - गद्य खंड पाठ 8 जामुन का पेड गद्य खंड - पाठ 9 भारत माता	17 Days
December	संचार माध्यम का संक्षिप्त प्रश्न काव्य खंड आओ मिलकर बचाएं वितान भागेा एक आलो आंधारी	22 Days
January	आलो अंधारी का शेष भाग निबंध पत्र औपचारिक आरोह भाग 1 का पुनरावृति	22 Days