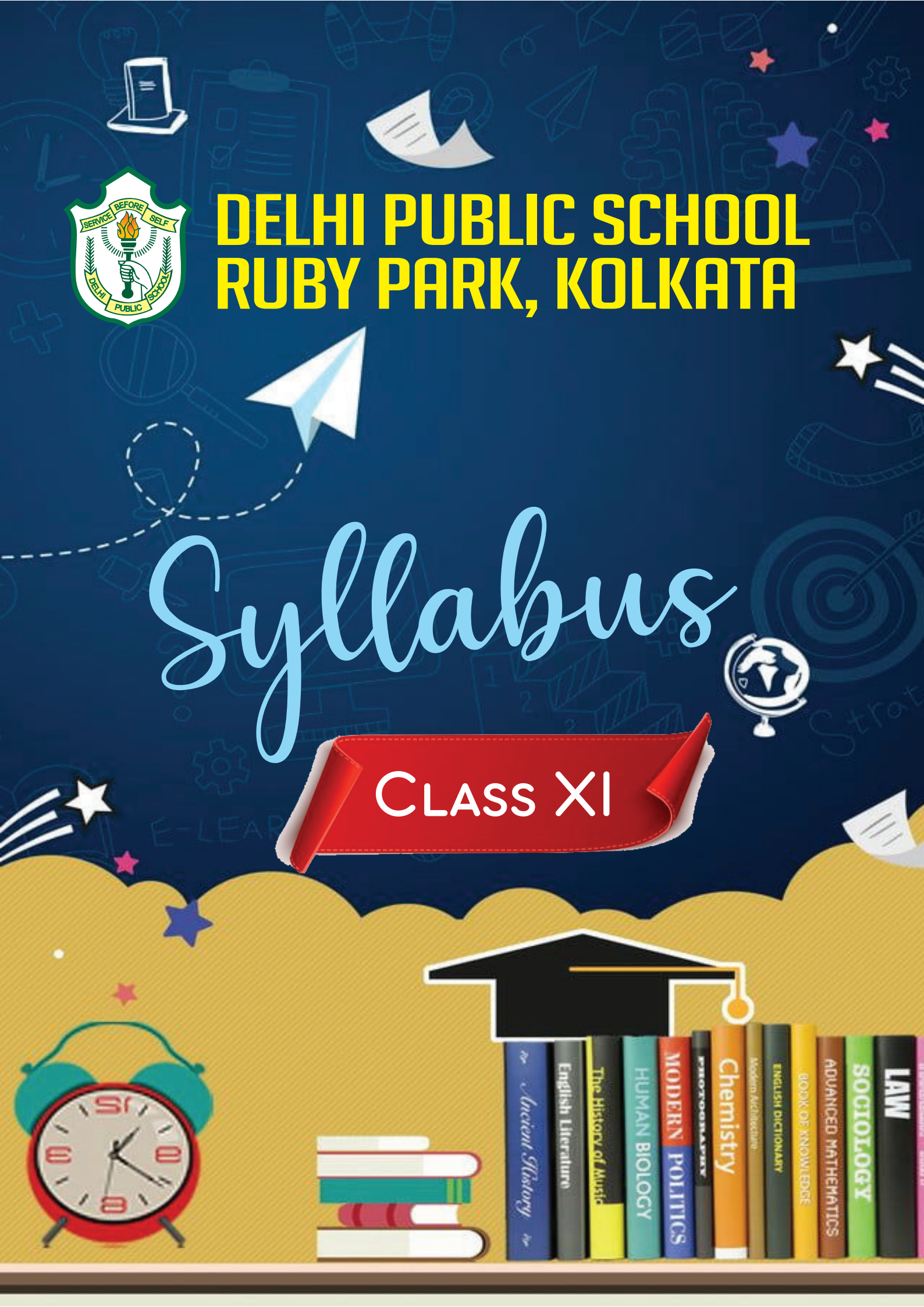
DELHI PUBLIC SCHOOL
RUBY PARK, KOLKATA

Syllabus

Class XI



Class XI

Syllabus

DELHI PUBLIC SCHOOL
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English SESSION 2025- 26

Month	Month/ Unit	Reading	Writing	Grammar	Literature
April	1	Comprehension from factual and discursive passages	Poster Making	Do as directed	The Portrait of a Lady A Photograph (Poem)
				Tenses and usage/ gap filling exercise	The Summer of the Beautiful White Horse
May	2	Listening & Speaking	Classified Advertisement	Tenses and usage/ gap filling exercise Re-ordering of Sentences Transformation of Sentences	
UNIT TEST - I					
June	3	Note Making & Summarizing	Speech and Debate	Re-ordering of sentences/ Transformation of sentences	We're Not Afraid to Die
July	4	Note Making & Summarizing	Classified Advertisement	Integrated Exercises	Discovering Tut The Laburnum Top (poem) The Address The Voice of the Rain (poem)
August	5	ASL	Speech Debate	Transformation of sentences	Revision
BLOCK TEST - I					

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English SESSION 2025- 26

Contd....2

September	6	Comprehension - Analytical Passage	Speech and Debate	Tenses Verbs Vocabulary Transformation of Sentences	Father to Son (Poem)
October	7	Note-Making and Summarizing	Poster	Clauses-Nominal, Relative,Adverbial	Childhood (Poem) Mother's Day (Play)
November	8	ASL	Poster Advertisement	Exercises on identification of clauses	Birth The Adventure Silk Road
UNIT TEST - II					
December	9	ASL	Speech	Tenses	Silk Road The Tale of Melon City (Poem)
January	10	ASL	Debate	Clauses - exercises	The Tale of Melon City (Poem)
		Note Making and Summarzing	Poster Advertisement	Integrated Grammar	
		Comprehension - Case-based passages			
February	**BLOCK TEST - II**				

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Physics SESSION 2025- 26

Class 11 Physics Session: 2025-2026			
Month	**Chapter**	**Topics**	**Sub Topics**
April	I & II	Physical World, units and Measurement	Need for measurement: Units of measurement; systems of units; SI units, fundamental and derived units. significant figures. Determining the uncertainty in result. Dimensions of physical quantities, dimensional analysis and its applications. Determining the **uncertainty in results**
	III	Motion in a Straight line	Frame of reference, Motion in a straight line, Elementary concepts of differentiation and integration for describing motion
			uniform and non- uniform motion, average speed and average velocity and instantaneous velocity, uniformly accelerated motion, velocity -time and position-time graphs. Relations for uniformly accelerated motion (graphical and calculus treatment).
June	IV	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.
	Unit Test - I		
July	V	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).
July and August	VI	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.
August	VII	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).
	Block Test 1		

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Physics SESSION 2025- 26

September	VIII	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 velocity, orbital velocity of a satellite. Energy of an orbiting satellite.
October	IX	Mechanical Properties of Solid	Elasticity, Stress-strain relationship, Hooke's law, Young's modulus, bulk modulus, shear modulus of rigidity (qualitative idea only), Poisson's ratio; elastic energy. Applications of elastic behaviour of materials (qualitative ideas only)
October and November	X	Mechanical Properties of Fluid	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(Torricelli's law and dynamic lift)
			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.
November	XI	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 .
	Unit Test - II		
December	XII	Thermodynamics	Thermal equilibrium and definition of temperature zeroth law of thermodynamics, heat, work and internal energy. First law of thermodynamics, Second law of thermodynamics: Thermodynamic state variable and equation of state, change of condition of gaseous state -isothermal, adiabatic, reversible, irreversible, and cyclic processes.
	XIII	Kinetic Theory Of Gas	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.
January	XIV	Oscillations	Periodic motion - time period, frequency, displacement as a function of time, periodic functions and their application. Simple harmonic motion (S.H.M), uniform circular motion 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.
	XV	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.
	Block Test -2		

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Chemistry SESSION 2025- 26

Month	Unit no.	Chapter	Contents
APRIL	I	SOME BASIC CONCEPTS OF CHEMISTRY	• Importance and scope of chemistry, Nature of matter • Laws of chemical combination, Dalton's atomic theory: concept of elements, atoms and molecules. •Atomic and molecular masses, mole concept and molar mass, percentage composition, empirical and molecular formula • Chemical reactions, stoichiometry and calculations based on stoichiometry
	II	STRUCTURE OF ATOM	• Discovery of electrons , proton , neutron, atomic number, isotopes, isobars •Thomson model, limitation, Rutherford model , limitation •Bohr's model and its limitations. • concept of shells and subshells
MAY	II	STRUCTURE OF ATOM (Cont.)	• Dual nature of matter and light, de Broglie's relationship • Heisenberg uncertainty principle
JUNE		**UNIT TEST - I**	
	II	STRUCTURE OF ATOM (Cont.)	• Concept of orbitals, quantum numbers, shapes of s, p and d orbitals. • Rules for filling electrons in orbitals - Aufbau principle, Pauli's exclusion principle and Hund's rule. • Electronic configuration of atoms, stability of half-filled and completely filled orbitals.
	III	CLASSIFICATION OF ELEMENTS AND PERIODICITY IN PROPERTIES	• Significance of classification, brief history of development of periodic table. • Modern periodic law and the present form of periodic table • Periodic trends in properties of elements -atomic radii, ionic radii, inert gas radii, Ionization enthalpy, electron gain enthalpy, electronegativity, valency. • Nomenclature of elements with atomic number greater than 100
		s - & p-BLOCK ELEMENTS*	• Electronic configuration, atomic & Ionic radii, Ionization enthalpy, Hydration enthalpy • General trends in physical and chemical properties of s & p block elements across the periods and down the groups. • Unique behavior of the first element in each group.
	IV	CHEMICAL BONDING AND MOLECULAR STRUCTURE	• Valence electrons, ionic bond, covalent bond, bond parameters, Lewis structure • polar character of covalent bond, covalent character of ionic bond • valence bond theory, resonance
JULY			• Geometry of covalent molecules, VSEPR Theory • Concept of hybridization, involving s, p and d orbitals and shapes of some simple molecules • Molecular orbital theory of homonuclear diatomic molecules(qualitative idea only), hydrogen bond
	V	CHEMICAL THERMODYNAMICS	• Concepts of System and types of systems, surroundings, work, heat, energy, extensive and intensive properties, state functions. • First law of thermodynamics -internal energy and enthalpy, heat capacity and specific heat, measurement of math ΔU and ΔH. • Hess's law of constant heat summation, enthalpy of bond dissociation, combustion, formation, atomization, sublimation, phase transition, ionization, solution and dilution.
AUGUST	V	CHEMICAL THERMODYNAMICS (Cont.)	• Second law of Thermodynamics (brief introduction). Introduction of entropy as a state function, Gibb's energy change for spontaneous and non- spontaneous processes, criteria for equilibrium. • Third law of thermodynamics (brief introduction).
		BLOCK TEST - I	

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DELHI PUBLIC SCHOOL
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Chemistry SESSION 2025- 26

SEPTEMBER	VI	EQUILIBRIUM	• Equilibrium in physical and chemical processes, dynamic nature of equilibrium • law of mass action, equilibrium constant • factors affecting equilibrium- Le Chatelier's principle
			• Ionic equilibrium- ionization of acids and bases, strong and weak electrolytes, degree of ionization, ionization of poly basic acids, acid strength, concept of pH
OCTOBER	VI	EQUILIBRIUM (Cont.)	• Henderson Equation, hydrolysis of salts (elementary idea), buffer solution, solubility product, common ion effect (with illustrative examples)
		THE GASEOUS STATE*	• Qualitative treatment of Gas laws • Ideal gas equation and deviations from it.
	VII	REDOX REACTIONS	• Concept of oxidation and reduction, redox reactions, oxidation number, balancing redox reactions in terms of loss and gain of electrons and oxidation number, applications of redox reactions.
NOVEMBER	VIII	ORGANIC CHEMISTRY- SOME BASIC PRINCIPLES AND TECHNIQUES	• General introduction, classification and IUPAC nomenclature of organic compounds. • Isomerism.
	UNIT TEST - II		
	VIII	ORGANIC CHEMISTRY- SOME BASIC PRINCIPLES AND TECHNIQUES (Cont.)	• Electronic displacements in a covalent bond: inductive effect, electromeric effect, resonance and hyper conjugation. • Homolytic and heterolytic fission of a covalent bond: free radicals, carbocations, carbanions, electrophiles and nucleophiles, types of organic reactions. • Methods of purification, qualitative and quantitative analysis
DECEMBER	IX	HYDROCARBONS	• Alkanes - Nomenclature, isomerism, conformation (ethane only), • Physical properties, chemical reactions including free radical mechanism of halogenation, combustion and pyrolysis. • Alkenes - Nomenclature, structure of double bond (ethene), geometrical isomerism, physical properties, methods of preparation • Chemical reactions: addition of hydrogen, halogen, water, hydrogen halides (Markownikov's addition and peroxide effect), ozonolysis, oxidation, mechanism of electrophilic addition. • Alkynes - Nomenclature, structure of triple bond (ethyne), physical properties, methods of preparation, chemical reactions: acidic character of alkynes.
JANUARY	IX	HYDROCARBONS (Cont.)	• Alkynes - Addition reaction of hydrogen, halogens, hydrogen halides and water. • Aromatic Hydrocarbons: Introduction, IUPAC nomenclature, benzene: resonance, aromaticity, • Chemical properties: mechanism of electrophilic substitution. Nitration, sulphonation, halogenation, Friedel Craft's alkylation and acylation, • Directive influence of functional group in monosubstituted benzene. Carcinogenicity and toxicity.
FEBRUARY	**BLOCK TEST- II**		

The topics marked with an * will not be assessed.

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Mathematics SESSION 2025- 26

Month	Topics	Subtopics
April	Sets	Sets and their representations, Empty set, Finite and Infinite sets, Equal sets, Subsets, Subsets of a set of real numbers especially intervals (with notations). Universal set. Venn diagrams. Union and Intersection of sets. Difference of sets. Complement of a set. Properties of Complement. *(Practical problems on Union and Intersection of two sets.)
	Relations and Functions	Ordered pairs. Cartesian product of sets. Number of elements in the Cartesian product of two finite sets. Cartesian product of the set of reals with itself (up to R × R × R). Definition of relation, pictorial diagrams, domain, co-domain and range of a relation. Function as a special type of relation. Pictorial representation of a function, domain, co-domain and range of a function. Real valued functions, domain and range of these functions, constant, identity, polynomial, rational, modulus, signum, exponential, logarithmic and greatest integer functions, with their graphs. Sum, difference, product and quotients of functions.
	Trigonometry	Positive and negative angles. Measuring angles in radians and in degrees and conversion from one measure to another. Associative angles.
May	Trigonometric Functions	Domain and range of trigonometric functions and their graphs. Application of sin(x±y) , cos(x±y) etc.
June	UNIT TEST- 1	
June	Trigonometric Functions	Expressing sin (x±y) and cos (x±y) in terms of sinx, siny, cosx & cosy and their simple applications.Transformation angles. Identities related to sin2x, cos2x, tan2 x, sin3x, cos3x and tan3x. * General solution of trigonometric equations of the type siny=sina, cosy=cosa, tany=tana.

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Mathematics SESSION 2025- 26

July	Complex numbers and Quadratic equations	Need for complex numbers, especially , to be motivated by inability to solve some of the quadratic equations. Algebraic properties of complex numbers. Argand plane. * Polar representation of complex numbers. Statement of Fundamental Theorem of Algebra, solution of quadratic equations (with real coefficients) in the complex number system.
	Linear Inequalities	Linear inequalities. Algebraic Solutions of linear inequalities in one variable and their representation on the number line.
	Straight Lines	Brief recall of two-dimensional geometry from earlier classes. Slope of a line and angle between two lines. Various forms of equations of a line: parallel to axis, point -slope form, slope-intercept form, two-point form, intercept form, Distance of a point from aline. *Normal form. General equation of a line.
August	Sequence and Series	Arithmetic Mean (A.M.), Geometric Progression (G.P.), general term of a G.P., sum of n terms of a G.P., infinite G.P. and its sum, geometric mean (G.M.), relation between A.M. and G.M. * Special sequence.
August	**BLOCK TEST- 1**	
September	Permutations and Combinations	Fundamental principle of counting. Factorial n. (n!). Permutations and combinations, derivation of Formulae and their connections, simple applications.
	Binomial Theorem	Historical perspective, statement and proof of the binomial theorem for positive integral indices. Pascal's triangle, simple applications. *(General and middle term in binomial expansion)
	Conic Sections	Sections of a cone: Circles, a point, a straight line and a pair of intersecting lines as a degenerated case of a conic section. Standard equations and simple properties of a circle.
October	Conic Sections	Ellipse, Parabola defination. Standard equations and simple properties of parabola and ellipse.

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Mathematics SESSION 2025- 26

November	Conic Sections	Hyperbola definition. Standard equation and simple properties of Hyperbola.
	Introduction to Threedimensional Geometry	Coordinate axes and coordinate planes in three dimensions. Coordinates of a point. Distance between two points. * Section formula
	Probability	Events; occurrence of events, 'not', 'and' & 'or' events, exhaustive events, mutually exclusive events, Axiomatic (set theoretic) probability, connections with other theories of earlier classes. Probability of an event, probability of 'not', 'and' and 'or' events. *Random experiments; outcomes, sample space (set representation).
November	**UNIT TEST- 2**	
December	Limits and Derivatives	Derivative introduced as rate of change both as that of distance function and geometrically. Intuitive idea of limit. Limits of polynomials and rational functions trigonometric, exponential and logarithmic functions. Definition of derivative relate it to scope of tangent of the curve, derivative of sum, difference, product and quotient of functions. Derivatives of polynomial and trigonometric functions. * Derivatives of composite functions (Chain rule).
January	Statistics	Measures of Dispersion: Range, Mean deviation, variance and standard deviation of ungrouped/grouped data.
	***Principle of Mathematical Induction**	***Process of the proof by induction, motivating the application of the method by looking at natural numbers as the least inductive subset of real numbers. The principle of mathematical induction and it's simple applications.**
February	**BLOCK TEST- 2**	

Star marked (*) topics are included in the syllabus to reinforce understanding but will not be added to summative assessments.

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Biology SESSION 2025- 26

MONTH	UNIT	TOPIC
APRIL	CELL: STRUCTURE AND FUNCTIONS	CELL: THE UNIT OF LIFE
MAY	DIVERSITY IN THE LIVING WORLD	LIVING WORLD
	DIVERSITY IN THE LIVING WORLD	BIOLOGICAL CLASSIFICATION INTRODUCTION
UNIT TEST I		
JUNE	DIVERSITY IN THE LIVING WORLD	BIOLOGICAL CLASSIFICATION CONTINUED
		PLANT KINGDOM
	CELL: STRUCTURE AND FUNCTIONS	CELL CYCLE AND CELL DIVISION
JULY	DIVERSITY IN THE LIVING WORLD	ANIMAL KINGDOM
	CELL: STRUCTURE AND FUNCTIONS	BIOMOLECULES
	STRUCTURAL ORGANISATION IN PLANTS AND ANIMALS	MORPHOLOGY OF FLOWERING PLANTS
AUGUST	STRUCTURAL ORGANISATIONS IN PLANTS AND ANIMALS	ANATOMY OF FLOWERING PLANTS
BLOCK TEST- I		
SEPTEMBER	STRUCTURAL ORGANISATIONS IN PLANTS AND ANIMALS	STRUCTURAL ORGANISATION IN ANIMALS
	PLANT PHYSIOLOGY	PHOTOSYNTHESIS IN HIGHER PLANTS
		RESPIRATION IN HIGHER PLANTS - INTRODUCTION
OCTOBER	PLANT PHYSIOLOGY	RESPIRATION IN HIGHER PLANTS - CONTINUED
		PLANT GROWTH AND DEVELOPMENT
NOVEMBER	HUMAN PHYSIOLOGY	BREATHING AND EXCHANGE OF GASES
UNIT TEST II		
DECEMBER	STRUCTURAL ORGANISATIONS IN PLANTS AND ANIMALS	STRUCTURAL ORGANISATION IN ANIMALS
	HUMAN PHYSIOLOGY	DIGESTION AND ABSORPTION *
		BODY FLUIDS AND CIRCULATION
		EXCRETORY PRODUCTS AND THEIR ELIMINATION
		LOCOMOTION AND MOVEMENT (INTRODUCTION)
JANUARY	HUMAN PHYSIOLOGY	NEURAL CONTROL AND CO-ORDINATION
		CHEMICAL CO-ORDINATION AND INTEGRATION
		REVISION
FEBRUARY	**BLOCK TEST- II**	
Topics marked with an * will not be assessed.		

Class XI

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DELHI PUBLIC SCHOOL
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Computer Science SESSION 2025- 26

Month	Topic	Sub Topic
April	Introduction to Problem Solving	Steps for problem solving (analysing the problem, developing an algorithm, coding, testing and debugging).
		Representation of algorithms using flow chart and pseudo code, decomposition
	Getting Started with Python	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
May	Python Fundamentals	Knowledge of data types: number (integer, floating point, complex), boolean, sequence (string, list, tuple), none, mapping (dictionary), mutable and immutable data types
	Data Handling	Arithmetic operators, relational operators, logical operators, assignment operator, augmented assignment operators, identity operators (is, is not), membership operators (in, not in) Expressions, statement, type conversion & input/output: precedence of operators, expression, evaluation of expression, python statement, type conversion (explicit & implicit conversion), accepting data as input from the console and displaying output.
June	Conditional And Iterative Statements	Flow of control: introduction, use of indentation, sequential flow, conditional and iterative flow control Conditional statements: if, if-else, if-elif-else
		Programs on conditional statements
Unit Test – I		
July	Conditional And Iterative Statements	Iterative statements: for loop, range function, while loop, flowcharts, break and continue statements
		Nested loops. Programs on iterative statements.

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Syllabus

DELHI PUBLIC SCHOOL
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Computer Science SESSION 2025- 26

July	**Computer System Overview**	Basic Computer Organisation: 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 & interpreter), application software
		Operating system (OS): functions of operating system, OS user interface.Encoding schemes: ASCII, ISCII and UNICODE (UTF8, UTF32) Emerging trends: Cloud computing, cloud services (SaaS, IaaS, PaaS), blockchains, Artificial Intelligence (AI), Machine Learning (ML), Internet of Things (IoT)
August	**Data Representation**	Binary, Octal, Decimal and Hexadecimal number system; conversion between number systems.
	Boolean Logic	Boolean logic: NOT, AND, OR, NAND, NOR, XOR, truth table, De Morgan's laws and logic circuits
	String Manipulation	Introduction, indexing, string operations (concatenation, repetition, membership & slicing), traversing a string using loops,
		Built-in functions: len(), capitalize(), title(), lower(), upper(), count(), find(), index(), endswith(), startswith(), isalnum(), isalpha(), isdigit(), islower(), isupper(), isspace(), lstrip(), rstrip(), strip(), replace(), join(), partition(), split()
Block Test – I		
September	**List Manipulation**	Introduction, indexing, list operations (concatenation, repetition, membership & slicing), traversing a list using loops
October		Built-in functions: len(), list(), append(), extend(), insert(), count(), index(), remove(), pop(), reverse(), sort(), sorted(), min(), max(), sum()
		Nested lists. Programs on lists.
	Debugging Programs	Errors: syntax errors, logical errors, runtime errors

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Computer Science SESSION 2025- 26

November	**Tuples**	introduction, indexing, tuple operations (concatenation, repetition, membership & slicing)
		Built-in functions: len(), tuple(), count(), index(), sorted(), min(), max(), sum(); tuple assignment, nested tuple.
Unit Test – II		
November	**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)
	Dictionaries	Introduction, accessing items in a dictionary using keys, mutability of dictionary (adding a new item, modifying an existing item), traversing a dictionary
December	**Dictionaries**	Built-in functions: len(), dict(), keys(), values(), items(), get(), update(), del(), clear(),
		Built-in functions: fromkeys(), copy(), pop(), popitem(), setdefault(), max(), min(), count(), sorted(), copy()
		Programs on Dictionary
January	**Cyber Safety**	Digital Footprints Digital society and Netizen: net etiquettes, communication etiquettes, social media etiquettes Data protection: Intellectual Property Right (copyright, patent, trademark), violation of IPR (plagiarism, copyright infringement, trademark infringement), open source softwares and licensing (Creative Commons, GPL and Apache)
		Cyber-crime: definition, hacking, eavesdropping, phishing and fraud emails, ransomware, preventing cyber crime. Cyber safety: safely browsing the web, identity protection, confidentiality, cyber trolls and bullying.
		Safely accessing web sites: malware, viruses, trojans, adware E-waste management: proper disposal of used electronic gadgets Indian Information Technology Act (IT Act) Technology & Society: Gender and disability issues while teaching and using computers
Block Test – II		

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Economics SESSION 2025- 26

Month	Unit	Topic	Sub-Topic
APRIL	PART B (MICROECONOMICS), UNIT 4	Introduction to Microeconomics- Concept of Production Possibility Curve	Meaning of Microeconomics and Macroeconomics, positive and normative economics. Central problems of an economy, Concept of PPF and Opportunity Cost.
	PART A (STATISTICS FOR ECONOMICS), UNIT 1,2.	Introduction to Statistics. Collection of data.	What is Economics, meaning, scope and functions of Statistics. Sources of primary and secondary data,how basic data is collected with concepts of sampling; method of data collection, sources of secondary data- Census and NSSO.
MAY	PART A (STATISTICS FOR ECONOMICS), UNIT 2.	Organization of data	Meaning and types of variable, frequency distribution.
JUNE	PART A (STATISTICS FOR ECONOMICS), UNIT 2. PART B (MICROECONOMICS), UNIT 5	Presentation of data. Consumer's equilibrium and demand	Tabular and diagrammatic presentation of data. Geometric forms (bar and pie diagrams) and frequency diagrams (histogram, polygon and ogive) and arithmetic line graphs. Consumer's equilibrium- meaning of utility, marginal utility, law of diminishing marginal utility, condition of consumer's equilibrium using marginal utility analysis.Indifference curve analysis of consumer's equilibrium, budget set and budget line, indifference curve and indifference map, prefrences of the consumer and condition of consumer's equilibrium. Demand, market demand, factors affecting demand, demand schedule, demand curve and its slope, shift and movement along demand curve.
UNIT TEST I			
JULY	PART B (MICROECONOMICS), UNIT 5.	Consumer's equilibrium and demand.	Price elasticity of demand and factors affecting price elasticity of demand;measurement of price elasticity of demand percentage method and total expenditure method.
	PART A(STATISTICS) UNIT 3. PART B (MICROECONOMICS), UNIT 6	Measures of central tendency- Mean, Median and Mode. Theory of Production, Cost.	Calculation of Mean , median mode. Short run and long run production function, total, average and marginal product, retutns to factor.Short run costs- total, fixed and variable cost. Average cost, average fixed cost and average variable cost marginal cost- meaning and their relationship.

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Economics SESSION 2025- 26

AUGUST	REVISION FOR BLOCK TEST 1 AND BLOCK TEST I		
SEPTEMBER	PART B (MICROECONOMICS), UNIT 6	Revenue	Total, average and marginal revenue-meaning and relationship.
	PART B (MICROECONOMICS), UNIT 6	Producer's equilibrium. Theory of supply and its elasticitty	Producer's equilibrium-meaning, condition in MR-MC approach. Supply, market supply, determinants of supply, supply schedule, supply curve and its slope, movement along and shift in supply curve, price elasticity of supply and its measurement by percentage change method.
OCTOBER	PART A (STATISTICS FOR ECONOMICS), UNIT 3	Correlation	Meaning and properties, scatter diagram, measures of correlation-Karl Pearson's method (2-variable ungrouped data) and Spearman's rank correlation method (tied and untied ranks).
NOVEMBER	PART B (MICROECONOMICS), UNIT 7	Forms of market	Pefect competition- features.
UNIT TEST II			
DECEMBER	PART B (MICROECONOMICS), UNIT 7	Price Determination in perfect competition and simple applications	Determination of market equilibrium and effects of shifts in demand and supply. Price control-price ceiling and price floor.
JANUARY	PART A (STATISTICS FOR ECONOMICS), UNIT 3	Index Numbers	Meaning, types, wholesale price index, consumer's price index, index of industrial production, uses of index numbers- inflaton and index numbers, simple aggregative method.
FEBRUARY	BLOCK TEST II		

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Accountancy SESSION 2025- 26

Month	Topic	Sub topic
April	Introduction to Accounting	Transactions-meaning features,types.Objective of accounting,accounting terminologies
	Theory Base of Accounting	Accounting Concepts and Principles
	Recording of Business transactions	Accounting Equation
May	Recording of Business transactions	Double entry system-Golden Rule,Debit&Credit, Classification of Journals
UNIT TEST-I		
June	Recording of Business transactions	Journalising(contd along with GST),ledger posting and balancing of accounts along with Source documents , Cash and Accrual basis of
July	Trial Balance	Trial Balance-Objectives, meaning and preparation
July	Recording of Business transactions	Cash Book(single, double column) and Petty Cash Book
		Purchase and Sales Day Book; Purchase return and sales return Day Book (excluding B/R and B/P day book)
August	Bank Reconciliation Statement	Bank Reconciliation Statement (excluding amended cash book)-Need and Preparation
Block Test 1		
September	Depreciation, Provision and Reserves	Provision and Reserve;Capital and Revenue ;Depreciation- Method,reason for Charging depreciation. Straight Line Method
October		Depreciation - Written down value method, provision for depreciation and Asset Disposal A/c.
November	Rectification of errors	Rectification of errors - before and after preparation of Trial Balance and preparation of suspense account

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Accountancy SESSION 2025- 26

Unit Test II		
November	Financial Statements	Accounting treatment of reserves and provisions and representation in financial statements
December		Preparation of Trading , Profit & Loss A/c and Balance Sheet without adjustments
January		Preparation of Trading , Profit & Loss A/c and Balance Sheet with adjustments
		Incomplete Records-1.Features , reasons and limitations 2. Ascertainment of Profit/Loss by
February	Block Test II	

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Business Studies SESSION 2025- 26

Month	Topic	Sub Topic
April	Evolution and Fundamentals of Business	History of commerce in India, Concept and Characteristics
		Differentiation between Business, Profession and Employment, Objectives of Business (Economic and Social), Role of Profit
		Classification of Business Activity (Industry and Commerce), Business Risk - Meaning, nature and causes and written work.
	Forms of Business Organisation	Sole Proprietorship and Joint Hindu Family Business
May	Forms of Business Organisation	Partnership: Features, Types, Merits, Demerits and Types of partners, minor as apartner,LLP
Unit Test I		
June	Forms of Business Organisation	Cooperative Societies- Features , Types , Merits and Demerits , Joint Stock Companies - Features, Merits and demerits.Starting a Business -basic factors , Formation of a Company
July	Public, Private and Global Enterprises	Forms of Public Enterprises, Global Enterprises and Public private partnership.Differentiation between Public sector and private sector
	Business Services	Banking - Types of bank account, banking services, RTGS,NEFT, core bankingInsurance - Principles, Life Insurance, Health In- surance, Fire Insurance and Marine Insurance - Meaning and Differentiation. Postal and telecom services .
August	Emerging Modes of Business	E- Business - Scope, Benefit, Resources required to impliment, online transactions, Payment mechanism and Security and safety of business transaction,Outsourcing BPO and KPO

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Business Studies SESSION 2025- 26

Block Test 1		
September	Social Responsibility and Business Ethics	Meaning, Definition and Need for Social Responsibility, Arguments For and Against Social Responsibility, Responsibility towards different interest groups
October	Sources of Business Finance	Meaning and need for Business Finance, Sources of business finance ownership basis, Retained Earnings, Issue of equity shares, Prefernce shares
		ADR, GDR, IDR , Borrowed Fund - Debenture and Bonds, Loans from Commercial Banks and Financial Institutions, Public Deposit, Trade Credit and ICD.
November	Small Business	Entrepreneurship Development concept characteristics and need , Definition of Small Scale Enterprise, Role of Small Business in India with special Refernce to Rural Areas
Unit Test II		
November	Small Business	Government Scheme and Agencies - NSIC and DIC with special reference to Rural, Backward and Hilly Area and written work
December	Internal Trade	GST concept and key features, Services of a wholeseller, Services of Retailers, Types of Retail Trade - Itinerant retailers.
		Small Scale Fixed Shops, Large Scale Retailer - Departmental Stores
		Chain Stores and Mail Order Houses
		GST -Concept and Key features
January	International Trade	Meaning, Characteristics of International Trade, Difference between Internal and International Trade, Advantages and Disadvantages of International Trade
		Export Procedure with all documents and Import Procedure with all documents. WTO , its meaning and objectives
February	**Block Test II**	

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Entrepreneurship SESSION 2025- 26

Month	Unit	Topic
April	Entrepreneurship: Concept and Functions	1. Concepts, Functions and Needs
		2. Why entrepreneurship for you
		3. Myths about Entrepreneurship
		4. Advantages and Limitations of entrepreneurship
		5. Process of entrepreneurship
		6. Entrepreneurship- the Indian scenario
	An Entrepreneur	1. Why be an entrepreneur
		2. Types of entrepreneurs
May		3. Competencies and Characteristics
Unit Test -I		
June	An Entrepreneur	4. Entrepreneurial values, Attitudes and Motivation
		5. Intrapreneur: Meaning and Importance
July	Entrepreneurial Journey	1. Generation of ideas
		2. Feasibility study and opportunity assessment
		3.Business plan: meaning, purpose and elements
		4. Execution of Business Plan
August	Entrepreneurship as Innovation and Problem Solving	1. Entrepreneurs as problem solvers
Block Test -I		
September	Entrepreneurship as Innovation and Problem Solving	2. Innovations and Entrepreneurial ventures-Global and Indian
		3. Role of Technology-E-Commerce and Social media
		4.Social Entrepreneurship-Concept
October	Understanding the Market	1. Market: Concept
		2. Micro and Macro Market Environment
		3. Market Research-Concept , Impoatance and Process
		4. Marketing Mix
Unit Test II		
December	Business Finance and Arithmetic	service
		2. Types of Cost-Start Up, Variable and Fixed
		3. Break Even Analysis-for single product or service
January	Resource Mobilization	Intangible
		professionals like Accountants,Lawyers,Auditors,Board
Block Test II		

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History SESSION 2025- 26

Month	Unit	Topic	Sub-topics
April-May	1	Writing and City Life	Mesopotamia and its Geography The significance of urbanism Movement of goods into cities The development of writing The system of writing Literacy The uses of writing Urbanisation in southern Mesopotamia: Temples and kings Life in the city A trading town in a pastoral zone Cities in Mesopotamian culture The legacy of writing
Unit Test I			
June-July	2	An Empire across Three Continents	The early empire The third-century crisis Gender, literacy, culture Economic expansion Controlling workers Social hierarchies Late antiquity
August	3	Nomadic Empires	Social and political background The career of Genghis Khan The Mongols after Genghis Khan Social, political and military organisation Conclusion: Situating Genghis Khan and the Mongols in world history
	4	The Three Orders (till the 4th order)	An introduction to Feudalism France and England The three orders The second order: The Nobility The manorial estate The Knights The first order: the Clergy Monks The Church and society The third order: Peasants, free and unfree England Factors affecting social and economic relations The environment Land use New agricultural technology

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History SESSION 2025- 26

Block Test I			
September & October	4	The Three Orders (To be continued)	A Fourth Order? New towns and townspeople Cathedral-towns The crisis of the fourteenth century Social unrest Political changes
Unit Test II			
November	5	Changing Cultural Traditions	The revival of Italian cities Universities and Humanism The humanist view of history Science and philosophy: The Arabs' contribution Artists and Realism Architecture The first printed books A new concept of human beings The aspirations of women Debates within Christianity The Copernican Revolution Reading the universe Was there a European 'Renaissance' in the fourteenth century?
December	6	Displacing Indigenous People	European imperialism North America The native peoples Encounters with Europeans Mutual perceptions The native peoples lose their land The Gold Rush, and the growth of industries Constitutional rights The winds of change… Australia

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History SESSION 2025- 26

January	7	Paths to Modernisation	JAPAN The political system The Meiji Restoration Modernising the economy Industrial workers Aggressive nationalism 'Westernisation' and 'Tradition' Daily life 'Overcoming modernity' After Defeat: Re-emerging as a global economic power CHINA Establishing the republic The Rise of the Communist Party of China Establishing the new democracy: 1949-65 Conflicting visions: 1965-78 Reforms from 1978 The story of Taiwan The story of Korea Beginnings of modernisation A post-war nation Rapid industrialisation under strong leadership Continued economic growth and calls for democratisation Korean democracy
February	**Block Test II**		

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Geography SESSION 2025- 26

Fundamentals Of Physical Geography [Part A]			
Month	**Unit**	**Topic**	**Sub topic**
April	Unit I Geography as a Discipline	Geography As a Discipline	Introduction to Geography as a discipline Geography as an integrating discipline: Spatial and Temporal synthesis Approaches to study Geography: Systematic and Regional Branches of Geography: Physical Geography, Human Geography and Bio Geography Physical Geography and its importance
	Unit II The Earth	The Origin and Evolution of the Earth	Origin and evolution of the earth Early theories: Origin of the Earth Modern Theories: Origin of the universe Formation of Stars and Planets Evolution of the Earth: Lithosphere, Atmosphere and Hydrosphere Origin of Life
May	Unit II The Earth	Interior of the Earth	Sources of Information about the Interior of the Earth (Direct and Indirect) Earthquakes: Earthquake Waves, Shadow zones, Types, Scales to measure earthquake intensity, effects, frequency of earthquake occurrences Structure of the Earth Volcanoes and Volcanic landforms
UNIT TEST - I			
June		Distribution of oceans and continents	Continental Drift Theory, and Evidence in support of Continental Drift and Force for Drift Post Drift Studies Ocean Floor Configuration Distribution of Earthquakes and Volcanoes Concept of Seafloor Spreading Plate Tectonics: Types of Plate boundaries, Rate and forces for the Plate Movement Movement of the Indian Plate
July	Unit- III Landforms	Geomorphic Processes	Geomorphic processes: Exogenic and Endogenic Endogenic Process: Diastrophism, Volcanism Exogenic Processes Weathering, landslides. Soil: Processes and factors of Soil Formation
		Landform and their Evolution	Running water: Erosional and Depositional Landforms Wind: Erosional and Depositional Landforms

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Geography SESSION 2025- 26

August	Unit-IV Climate	Composition and Structure of Atmosphere	Atmosphere- composition and structure; elements of weather and climate
		Solar Radiation, Heat balance and Temperature	Solar radiation: Variability of Insolation. Processes of Heating and Cooling of Atmosphere Terrestrial Radiation Heat budget of the earth Temperature- Factors controlling temperature; Horizontal distribution of temperature; Inversion of temperature
BLOCK TEST - I			
September	Unit-IV Climate	Atmospheric Circulations and Weather Systems	Atmospheric Pressure: Horizontal and Vertical Variation of Pressure Forces affecting velocity and direction of Wind General Circulation of the atmosphere: Pressure belts; Winds: Planetary, Seasonal and Local; Air masses and Fronts; Tropical and Extratropical cyclones; Thunderstorms and Tornadoes
October - November		Water in the Atmosphere	Humidity-Absolute and Relative humidity Evaporation and condensation- Different Forms of Condensation: dew, frost, fog, mist and cloud; Precipitation Types of Rainfall and world distribution of rainfall
		World Climate and Climate Change	Climate and Global Concerns (To be tested through internal assessments in the form of project and presentation)
UNIT TEST - II			
December	Unit-V Water (Oceans)	Water (Oceans)	Hydrological Cycle Major and Minor Relief Features of the Ocean Floor Temperature and Salinity of Ocean Waters: Factors, Horizontal and Vertical distribution of temperature and Salinity
		Movements of Ocean Water	Movements of ocean water- Waves, Tides and Currents.
January	Unit VI Life on the Earth	Biodiversity and Conservation	Biosphere - biodiversity and conservation. (To be tested through internal assessments in the form of project and presentation)
February	**BLOCK TEST-II**		

Part B: India-Physical Environment

Month	Unit	Topic	Sub topic
April	Unit-I Introduction	Location	India — Location, Size, Latitudinal and Longitudinal extent, Indian Standard time, India and its neighbours
May and June	Unit II Physiography	Structure and Physiography	Physiographic Divisions: (1) The Northern and North-eastern Mountains (2) The Northern Plain (3) The Peninsular Plateau (4) The Indian Desert (5) The Coastal Plains (6) The Islands.

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Geography SESSION 2025- 26

UNIT TEST - I			
July	Unit II Physiography	Drainage System	Drainage patterns Concepts of River basin, Catchment Area, Watershed Drainage and River systems of India: the Himalayan and the Peninsular Extent of Usability of River Water- linking of rivers, problems in using river water and water pollution
August	Unit III Climate Vegetation and Soil	Climate	Weather and Climate Unity and diversity in the Monsoon Climate Factors determining the climate of India The Nature and characteristics on Indian Monsoon The Rhythm of Seasons Distribution of Rainfall, Monsoon and the Economic Life in India Global Warming
BLOCK TEST - I			
September and October	Unit III Climate Vegetation and Soil	Natural Vegetation	Natural vegetation - Introduction Forest types and distribution Conservation of forests Wildlife; conservation; biosphere reserves
November	Unit-IV Natural Hazards and Disasters: Causes Consequences and Management	Natural Hazards	Floods, Cloudbursts . Droughts: types and impact. [TO BE TESTED THROUGH PROJECT]
UNIT TEST - II			
December	Unit-IV Natural Hazards and Disasters: Causes Consequences and Management	Natural Hazards	Earthquakes and Tsunami. Cyclones: features and impact. Landslides. [TO BE TESTED THROUGH PROJECT]
January	**BLOCK TEST-II**		

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Information Technology

SESSION 2025- 26

Month	Topic	Sub Topic
April	Unit 1 : Communication Skills-III	Verbal Communication and Non-verbal Communication Pronunciation Basics Saying No — Refusal Skills Writing Skills — Parts of Speech Writing Skills — Sentences Greetings and Introduction Talking about Self and family
	Unit 2: Self-Management Skills-III	Grooming
		Personal Hygiene
		Team Work
		Networking Skills
		Self-motivation
		Goal Setting
		Time Management
May	Unit 4: Entrepreneurship Skills	Introduction to Entrepreneurship
		Values,attitude and thinking of an Entrepreneur
		Coming Up with a Business Idea
		Understanding the Market
June	Unit 5: Green Skills	Business Planning
		Sectors of Green Economy
		Policies for a Green Economy
		Stakeholders in Green Economy
		Government and Private Agencies

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Information Technology SESSION 2025- 26

July	Unit 1:Computer Organization	**Understand and appreciate fundamentals of Computer and its characteristics**
		Introduction to Fundamentals of Computer and its use
		Characteristics of computer
		Components of computer
		Block diagram of computer
		Processes of task execution
		steps of process execution
		function of various components of computer and CPU
		Understand the components of computer
		identify various components of computer
		appreciate function and use of I/O devices
		various storage devices used in computer, various memory units
		Understand Operating System
		introduction to Operating System and its need
		functions of operating system
		types of operating system
		difference between various operating systems
		Troubleshooting in computer system
		introduction to common troubleshooting/ problems
		common troubleshooting steps
		troubleshooting hardware problems like display keyboard, mouse etc.
		troubleshooting printer problems
		understanding printer IP address
		understanding various printer settings like fast/ slow printing
		understanding speaker settings like volume etc.
		troubleshooting networking problems
		learn about problems in network fly lead, network card
		Understand the importance of Utilities
		Disk Space management
		Disk Cleanup
		Recycle Bin,disk defragmentation
		learn to remove unused programs
		restart the system
		command prompt to search for a file

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Information Technology SESSION 2025- 26

August	Unit 3 :OFFICE AUTOMATION TOOLS	**Word processor (ICT skills-III included)**
		Introduction work with Word processing applications like OpenOffice
		Introduction to Word Processing window components like work area, ruler, tab etc.
		Understanding various tabs like File,Edit,Insert, View and their submenuoptions to format a document using
		create tables in wordprocessors
		Spreadsheets
		need and use of spreadsheets
		learn to install an open source spreadsheet software like Calc
		learn components of the Spreadsheet title window
		different formatting features available in spreadsheets
		learn to work, save and close spreadsheets ,work with data, move data, use edit menu
		Use AutoFill,formatting data, ,alignment, changing cell color, gridlines and borders, flow of text, merging, splitting text, wrap text, shrink to fit
		Numeric data formatting ,Find and Replace Data, delete data and formatting ,delete cells , insert delete rows and columns ,using formula and functions , various type of operators
		predefined functions in spreadsheets (sum(), sqrt(), product(), power(), log(), round(), abs(), average() etc.
		addressing/ referencing: absolute, relative, mixed
		sort and filter data ,create chart and graph, setting legend, grids in charts, resizing and moving charts, modifying and deleting charts
		create/record a macro, run/use macros ,print spreadsheets
		PowerPoint
		introduction to presentation software
		start OpenOffice Impress
		overview of OpenOffice
		study of various tabs of OpenOffice
		understand various views of presentation, animations, transitions, header, footer etc.

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Information Technology SESSION 2025- 26

BLOCK TEST-1		
September	UNIT 2: NETWORKING AND INTERNET	**Understand Computer Networking**
		Introduction
		Need and benefits of networking
		Components of a network: sender, receive, message, channel
		Transmission Medium (wired and wireless)
		Telephone Network standard (technology used in each generation)
		Working Devices (RJ45 connector, Modem, Repeater, Hub, Switch, Bridge, Gateway, Routers)
		Network Topology (Bus, Star ,Ring, Tree, Mesh)
		Types of Networking (LAN, MAN, WAN, PAN, VAN)
		To understand Internet and its terminology
		Introduction and use of Internet
		Digital Literacy,Terminology (Channels, Bandwidth (HERTZ, KHZ), ISP)
		Internet Devices: Repeater, Hub, Switch, Gateway, Bridge,, Router
		Data Transfer Rate (bps, Kbps, KBps, Mbps, MBPS, Gbps, GBPS)
		Protocols (TCP/IP, FTP, HTTP, SMTP, POP3, PPP, UDP)
October		**Understand cybercrime and the need of Cyber Security**
		Network safety concerns: (Digital Footprints, Threats, Virus, Worm, Trojan Horse, Spam, Malware, DoS Attacks, Eavesdropping, Adware, Spyware, Snooping)
		Networking Security Measures (Antivirus, Firewall , Login ids and Password)
		Cyber Crime (Phishing, Pharming, Spoofing, Cyber Bullying, Hacking, Cracking, Identity Theft, Cyber Stalking, Cyber Trolling,
		Cyber Safety (Netiquettes, IT Act, Cyber Laws)
		Understand Relational Database Management System
		Database and its purpose , Components of a table , Relational Database Model Terminology (Relation, Tuple, Attribute, Cardinality) , Keys (Primary, Candidate, Alternate,Foreign)

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Information Technology SESSION 2025- 26

	UNIT-4:RDBMS	**Introduction to MYSQL**
		Introduction To MYSQL ,Classification of MYSQL commands (DDL, DML) , Data Types in MYSQL (char, varchar, decimal, int, date, time) , Create database , Create table , View structure of a table , Add constraints in table , Modify structure , Show all tables created in a database , Delete structure
November		**DML Commands**
		Add rows to a table ,Viewing content of a table , Display selected data depending on specific condition , Display data in a order ,modify the data stored in a table , deletecontents of a table
	UNIT-5: Understanding Fundamental of Java Programming	**Understand Integrated Development Environment (NETBEANS)**
		Components of IDE , Understand and change Properties and methods of Components like jButton, jLabel, jTextField, jTextarea, jRadiobutton, jCheckbox, jPasswordField,jListBox, jComboBox
UNIT TEST-2		
December	UNIT-5: Understanding Fundamental of Java Programming	**JAVA Programming**
		Introduction to Object Oriented Programming ,To understand various data types (primitive) and purpose of each data type ,To understand the need and usage of variables ,To understand usage of operators (assignment, arithmetic, relational, logical, bitwise),To understand how to attach a code with components like jButton, jLabel, jTextField and create a simple application on JFrame,To understand the use of various components like jTextarea, jRadiobutton, jCheckbox, jPasswordField, jListBox, jComboBox, JTable,JOptionPane, JPanel ,To understand when to use selection statements (if, if else and switch case)
January		Introduction to the concepts of if,else,else if, Programs based on if else, programs based on nested if else,Programs based on switch case
BLOCK TEST-2		

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Political Science SESSION 2025- 26

Month	Units/ Chapters	Topic	Sub-Topic
Indian Constitution At Work			
April	1	Constitution: Why and How?	Why do we need a Constitution? The authority of a Constitution, How was the Indian Constitution made?Provisions adapted from Constitutions of different countries.
	2	Rights in the Indian Constitution	The importance of rights -Bill of Rights b) Fundamental rights in the Indian Constitution; Directive principles of state policy; Relationship between Fundamental Rights and Directive Principles
	3	Elections and Representation	Elections and democracy, Election system in India -FPTP system; Reservation of constituencies; Free and fair elections Electoral Reforms
May	4	Legislature	Why do we need a parliament? Why do we need two houses of parliament? What does the parliament do?How does the parliament make laws? How does the parliament control the executive?What do the committees of parliament do? How does the parliament regulate itself?
UNIT TEST 1			
June	5	Executive	Parliamentary Executive in India; What is an Executive; Different Types of Executive
			Powers and Position of the President Prime Minister and the Council of Ministers
			Permanent Executive- The Bureaucracy
	6	Judiciary	Why do we need an independent judiciary?-Independence of Judiciary-Appointment of Judges - Removal of Judges Structure of the Judiciary Jurisdiction of Supreme Court Judicial Activism Judiciary and Rights Judiciary and Parliament
July	7	Federalism	Federalism in the Indian Constitution Federalism with a strong central government Conflicts in India's federal system President's Rule Special provisions
	8	Local Governments	Necessity of Local Governments; Growth of Local Governments in India; "73rd and 74th Amendments; Working and Challenges of Local Governments"

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Political Science SESSION 2025- 26

July-August	9	Constitution as a Living Document	Are constitutions static? How to amend the constitution? Why have there been so many amendments? Contents of amendments made so far?
	10	The Philosophy of the Constitution	Meaning of Philosophy of the Constitution; Need to go back to Constitutent Assembly; Political Philosophy of the Constitution;) Procedural Achievements Criticisms, Limitations
Political Theory			
August	1	Political Theory: An Introduction	What is Politics?Politics vs Political Theory Importance of Political Theory; Putting Political theory into practice, Why should we study political theory?
	2	Freedom	The sources of Constraints-Why do we need constraints? The Harm Principle Negative and Positive liberty
BLOCK TEST 1			
September-October	3	Equality	Equality Why does equality matter? • Equality of opportunities • Natural and Social Inequalities Three dimensions of equality Feminism, Socialism How can we promote equality?
	4	Social Justice	What is Justice? • Equal Treatment forEquals • Proportionate Justice • Recognition of SpecialNeeds Just distribution John Rawls Theory of Justice Pursuing Social Justice
	5	Rights	What are Rights? Where do rights come from? Legal rights and the state Kinds of rights Rights and responsibilities

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Political Science SESSION 2025- 26

November	6	Citizenship	Introduction Full and equal membership, Equal Rights, Citizen and Nation, Universal Citizenship, Global Citizenship
	7	Nationalism	Introducing Nationalism, Nations and Nationalism, National Self Determination; Nationalism and |Pluralism
UNIT TEST 2			
December - January	15	Secularism	What is Secularism? ● Inter-religious Domination ● Intra-religious Domination, Secular State, The western model of secularism, The Indian model of secularism,
February	**BLOCK TEST 2**		

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Psychology SESSION 2025- 26

Month	Units	Topic	Sub-Topic
April- May	1	What is Psychology?	Introduction understanding and evolution
			Branches,themes, psychology in India, Psychology at work, psychology in everyday life.
	2	Methods of enquiry	Goals and nature of enquiry.
			Some important methods such as experimentation(concept of variables), interview, case study, survey, observation
			Analysis of data(qualitative and quantitative), ethical issues
		Practical 1	Report on any one method of enquiry(survey method)
June	3	Practical 2	Highlighting Adolescence as "a period of stress and storm" through newspaper or magazine cut outs and relevant research.
		Human Development	Development,growth and maturation
			Overview of developmental stages: different types of development
			Infancy, childhood, adulthood etc.
UNIT TEST I			
July	4	Sensory attentional perceptual processes	Sense modalities, adaptation, and attentional processes: theories and factors
			Perception Concept and definition
			Principles of perception and after images
			Perception of space depth and distance.
			Perceptual constancies- Illusions, socio- cultural influences in perception.

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Psychology SESSION 2025- 26

June -July		Practical 3	Psychology of Advertisements: Highlighting the factors of attention that attracts the potential customers.
July-August	5	Learning	Nature of learning
			Classical and Operant conditioning
			Concept and Skill learning, Verbal learning and other theories
			Learning styles and Specific Learning Disorders
			Application of learning Principles
BLOCK TEST I			
September	6	Human Memory	Nature of memory, Information Processing approach of memory.
			Knowledge representation and processes.
			Nature and causes of forgetting
			Enhancing Memory
October-November	7	Thinking	Nature of Thinking
			Thought and language
			Reasoning, problem solving, decision making
			Nature and process of creative thinking
			Developing creativity, Language development
October - November		Practical 4+5	To determine the capacity of memorization of the subject using auditory or visual presentation. + To determine the effect of Pro Active Inhibition on the memorization capacity of the subject.
UNIT TEST II			
December	8	Motivation and Emotion	Nature of motivation. Motives- Biological and psychosocial, Mc Clleland's theory
			Maslow's Hierarchy of needs
			Emotion-concepts and definitions
			Emotional expressions
			Theories of emotions
			Managing Negative emotion
January - February	**REVISION & BLOCK TEST II**		

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Physical Education SESSION 2025- 26

Month	Unit	Topic	Sub Topic
APRIL	1	Changing Trends & Career In Physical Education	Concept, Aims & objectives in Physical education
			Development of Physical Education in India – Post Independence
			Changing trends in Sports- playing surface, wearable gears and sports equipment, technological advancements
			Career options in Physical education
			Khelo India program & Fit-India Program
APRIL-MAY	2	Olympism value Education	Olympism – Concept and Olympics Values (Excellence, Friendship & Respect)
			Olympic Value Education – Joy of Effort, Fair Play, Respect for Others, Pursuit of Excellence, Balance Among Body, Will & Mind
			Ancient and Modern Olympics
			Olympics - Symbols, Motto, Flag, Oath, and Anthem
			Olympic Movement Structure - IOC, NOC, IFS, Other members
Unit Test - I			
JUNE	3	Yoga	Meaning & Importance of Yoga
			Introduction to Ashtanga Yoga
			Introduction to Yogic Kriyas (Shat Karma)
			Pranayama and its types
			Active Lifestyle and stress management through Yoga
JULY	4	Physical Education & Sports For CWSN (Children With Special Needs- Divyang)	Concept of Disability and Disorder
			Types of Disability, its causes & nature (Intellectual disability, Physical disability)
			Disability Etiquette
			Aim & Objective of Adaptive Physical Education
			Role of various professionals for children with special needs (Counsellor, Occupational Therapist, Physiotherapist, Physical Education Teacher, Speech Therapist & Special Educator)

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Physical Education SESSION 2025- 26

AUGUST	5	Physical fitness, Health and Wellness	Meaning and Importance of Wellness, Health and Physical Fitness
			Components/Dimensions of Wellness, Health and Physical Fitness
			Traditional Sports & Regional Games for promoting wellness
			Leadership through Physical Activity and Sports
			Introduction to First Aid – PRICE
	Block Test - I		
SEPTEMBER	6	Test, Measurment & Evaluation	Define Test, Measurement & Evaluation.
			Importance of Test, Measurements and Evaluation in Sports
			Calculation of BMI, Waist – Hip Ratio, Skin fold measurement (3-site)
			Somato Types (Endomorphy, Mesomorphy & Ectomorphy)
			Measurements of health-related fitness
OCTOBER	7	Fundamentals Of Anatomy, Physiology in Sports	Definition and Importance of Anatomy and Physiology in exercise and sports
			Functions of Skeletal system, classification of bone and types of joints
			Properties and Functions of Muscles
			Function and Structure of Circulatory system and heart
			Function and Structure of Respiratory system
NOVEMBER	8	Fundamentals Of Kinesiology & Biomechanics in Sports	Definition and Importance of Kinesiology and Biomechanics in Sports
			Principles of Biomechanics
			Kinetics and Kinematics in Sports
			Types of Body Movements - Flexion, Extension, Abduction, Adduction, Rotation, Circumduction, Supination & Pronation
			Axis and Planes – Concept and its application in body movements

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Physical Education SESSION 2025- 26

Unit Test - II			
DECEMBER	9	Psychology & Sports	Definition & Importance of Psychology in Phy. Edu. & Sports
			Developmental Characteristics at Different Stages of Development
			Adolescent Problems & Their Management
			Team Cohesion and Sports
			Introduction to Psychological Attributes: Attention, Resilience, Mental Toughness
JANUARY	10	Training & Doping In Sports	Concept and Principles of Sports Training
			Training Load: Over Load, Adaptation, and Recovery
			Warming-up & Limbering Down – Types, Method & Importance
			Concept of Skill, Technique, Tactics & Strategies
			Concept of Doping and its disadvantages
FEBRUARY	**Block Test - II**		

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Informatics Practices

SESSION 2025- 26

Month	Unit	Topic	Sub Topic
APRIL	1	Introduction to Computer System	Evolution of computing devices
			Components of a Computer System and their interconnections, Input and Output devices
			Computer Memory: Types of Memory
			data deletion, its recovery and related security concerns
			Software: purpose and types
APRIL-MAY	2	Introduction to Python	Python execution modes: Interactive and script mode
			the structure of a program, indentation, identifiers, keywords, constants, variables
			types of operator, precedence of operators
			Simple programs in Python
Unit Test - I			
JUNE	2	Introduction to Python	Data types, mutable and immutable types
			Expression evaluation, Input and output
			Control Statements: if-else, if-elif-else
			Programs on Conditional statements
JULY	2	Introduction to Python	Looping statements - for loop
			Looping statements - while loop
			Programs on Looping statements
AUGUST	2	Introduction to Python	Lists - creation, initialisation, traversal
			List indexing, slicing, replication
			List manipulation, built-in methods
	Block Test - I		

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Informatics Practices

SESSION 2025- 26

SEPTEMBER	2	Introduction to Python	List methods - append(), extend(), insert()
			count(), index(), remove(), pop()
			sort(), reverse(), min(), max(), sum()
			List based programs
OCTOBER	2	Introduction to Python	Dictionary: the concept of key-value pair
			Creating, initializing, traversing, updating
			Deleting elements, built-in methods, dict()
			len(), keys(), values(), items(), update(), delivery, clear()
			Programs based on dictionary
NOVEMBER	3	Database Concepts and the Structured Query Language	Introduction to database concepts and its need
			Relational data model: Concept of domain, tuple,
			Candidate key, Primary key, Alternate key
			Advantages of using Structured Query language
			Data Definition Language, Data Query Language
DECEMBER	3	Database Concepts and the Structured Query Language	DDL - CREATE DATABASE, CREATE
			DML - INSERT, DELETE, UPDATE
			SELECT FROM, WHERE and Relational
			Logical operators. between, is null, is not null
JANUARY	4	Introduction to the Emerging Trends	Artificial Intelligence Machine learning NLP
			Immersive experience (AR, VR), Robotics, Big data
			Internet of Things, Sensors Smart Cities
			cloud computing and cloud services (SaaS,
			Grid computing Blockchain technology
FEBRUARY	Block Test - II		

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DELHI PUBLIC SCHOOL
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Legal studies SESSION 2025- 26

Month	Units/Chapter	Topic	Sub Topic
July	Unit 1: Introduction to Political Institutions	Chapter 1-Concept of State	Meaning of State and Government; Emergence of the State from society; theories on the origin of the State; Elements of the State; Role of the State
		Chapter 2 - Forms and Organs of the Government	Introduction to the Organs of Government; Forms of Government- Monarchy, Aristocracy, Dictatorship, Democracy; Main Organs of the government and its functions- legislature, Executive, Judiciary
	Unit 1: Introduction to Political Institutions	Chapter 3 - Separation of Powers	Concept, Historical Background and Evolution of Montesquieu's Doctrine of Separation of Powers; Checks and balances of power; Impact of the Doctrine; Evaluation- Key Benefits and Advantages of the Doctrine of Separation of Powers; Defects of the Doctrine; Separation of Powers in Britain, USA and India
	Unit 2: Basic Features of the Constitution of India	Chapter 1: Salient features of the Constitution	Meaning of the term Constitution, Definition of the term Constitution, Historical Perspective of Indian Constitution Salient Features of The Constitution of India
		Chapter 2: Administrative Law	Backgound; Administrative Law and Constitutional Law; Reasons for Growth, Development and Study of Administrative Law, Types of Administrative Actions, Rule of Law, Fundamental Principle of Administrative Law; Droit System
August	Unit 3: Jurisprudence, Nature and Sources of Law	Chapter 1 : Jurisprudence, Nature and Meaning of law Chapter 2 : Classification of Laws	Introduction; Historical Perspective; Schools of Law; Functions and Purpose of law; Classification of Law based on Subject matter ; Classification of Law based on Scope of Law ; Classification of Law based on Jurisdiction
		Chapter 3 : Sources of Laws	Where does law come from? Custom as a source of Law ; Importance of Custom as a source of Law in India; Judicial Precedent as a Source of Law ; Legislation as a Source of Law
		Chapter 4 : Law Reforms	Need for Law Reform Law Reforms in India Recent Law Reforms in Independent India

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Legal studies SESSION 2025- 26

BLOCK TEST 1			
September - October	**Unit 3: Jurisprudence, Nature and Sources of Law**	Chapter 5 : Cyber Laws, Safety and Security in India	Why do we need Cyber Laws What is Cyber Law? What is Cyber safety and Security? What is cyber Crime? Categories of Cyber Crime Cyber law in India Scope and Extent of The Information and Technology Act, 2000 (IT Act) What was Section 66A of IT Act, 2000?
November	**Unit 4: Judiciary : Constitutional, Civil and Criminal Courts and Processes**	Chapter 1: Judiciary : Constitutional, Civil and Criminal Courts and Processes	i. Introduction: Establishment of the Supreme Court and High Courts ii. CONSTITUTION, ROLES AND IMPARTIALITY a. Independence and Impartiality of the Supreme Court b. Structure and Hierarchy of the Courts in India c. The civil process and functioning of Civil courts III. THE CIVIL COURT STRUCTURE a. Common legal terminology b. Types of jurisdiction c. Res subjudice and Res judicata in code of civil procedure 1908 IV. STRUCTURE AND FUNCTIONING OF CRIMINAL COURTS IN INDIA a) Types of offences b) Criminal investigation and First Information Report c) The criminal process- Investigation and prosecution d) Doctrine of autrefois acquit and autrefois convict
UNIT TEST			
December	**Unit 5 : Family Justice System**	Chapter 1- Institutional Framework- Marriage and Divorce	I. Nature of Family law in India II. Human rights and gender perspective III. Institutional framework- family Courts IV. Role of women in the creation of family courts V. Role of lawyers and counselors in Family courts VI. Role of counselors and gender issues VII. Marriage and Divorce
		Chapter 2- Child Rights	Child Rights Right to Education, Health, Shelter, Child Labour, Sexual Abuse, Juvenile Justice
		Chapter 3 -Adoption	Adoption ; Minor Custody and Guardianship
January		Chapter 4- Property , Succession and Inheritance	Concept of Joint Family Property and Separate property; Inheritance and Succession; Intestate succession, Testamentary succession
		Chapter 5 - Prevention of Violence against Women	I. What is Domestic abuse / violence? II. International legal framework III. Laws in India on prevention of violence against women
February	**BLOCK TEST 2**		

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DELHI PUBLIC SCHOOL
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Painting SESSION 2025- 26

Month	Unit	Topic	Sub Topic
April-May	1	Pre-Historic rock paintings and Art of Indus Valley.	Pre-Historic Rock-Paintings Introduction
			Wizard's Dance, Bhimbethaka
			Indus Valley Introduction
			Dancing girl
			Male Torso
			Mother Goddess
			Bull (Seal)
			Painted earthen-ware
	1	Buddhist, Jain and Hindu Art. (Mauryan Art)	Introduction
			Lion Capital from Sarnath
			Chauri Bearer from Didar Ganj
Unit Test I			
June	2	Buddhist, Jain and Hindu Art.	Seated Buddha from Katra Mound
			Jain Tirathankara
		Temple Sculpture	Ajanta: Introduction
			Indian Temple sculpture
July	2	Temple Sculpture	Descent of Ganga
			Trimuti
August	3		Lakshmi Narayana
			Cymbal Player
Block Test I			
Sep-Oct	3	Indian bronze	Mother and Child
			Indian bronze: Introduction
Novmenber	3	Indian bronze	Nataraj
December	3	Indo Islamic Architecture	Qutub Minar
			Gol Gumbad, Bijapur
Unit Test II			
January	3	Revision	Pre-Historic rock paintings and Art of Indus Valley.
			Buddhist, Jain and Hindu Art.
			Temple, Sculpture, Bronze & Islamic Architecture
Block Test II			

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DELHI PUBLIC SCHOOL
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Hindustani Music SESSION 2025- 26

Month	Unit	Topic	Sub Topic
May	1	Introduction of Hindustani Music, Raag- Bihag	Vedic and Ancient Roots, Emergence of Raga System, drut khayal alap- taan
		Raag-Bihag Vilambit Khayal	Vilambit Khayal with notation, alap-taan.
June	2	Tarana	Writing in notation the composition
July	3	Raga- Bhimpalasi	Vilambit & Drut Khayal, Alap- Taan.
		Dhupad - Notation	Writing in notation the composition of Raga Bhimpalasi & Bhairavi
August	3	Theory: Margi- Desi, Raga.	Brief study of the following: Margi-Desi, Raga.
		Raag Description	Raag Description in detail
Block Test I			
September	4	Raga- Bhairavi	Vilambit & Drut Khayal, Alap-Taan.
		Devotional Song	Bhajan, Kirtan or Qawwali.
October	4	Dhrupad, Khayal and Tarana	Brief History of the following Dhrupad, Khayal and Tarana.
November	5	*Teentala * Ektala * Chautala	Description of Talas along with Tala Notation with Thah, Dugun and Chaugun.
		Musical Elements in Natya Shastra	Brief study of Musical Elements in Natya Shastra.
Unit Test II			
December	6	Tansen, V.N.Bhatkhande and V.D.Palushkar	Life sketch and contribution in Hindustani Music of Tansen, V.N.Bhatkhande and V.D.Palushkar.
		Structure of Tanpura	Knowledge of the Structure of Tanpura.
January	7	Recognition of Ragas	Ability to Recognize the Ragas from phrases of Swaras and Elaborating them.
	8	Revision	All Unit Revision.
		Practical File	Submission of File.
Block Test II			

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DELHI PUBLIC SCHOOL
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Sociology SESSION 2025- 26

Class 11 Sociology Session 2025-26			
Month	**Units/Chapter**	**Topic**	**Sub Topic**
April	Introducing Sociology	Sociology and Society and its relationship with other Social Science Disciplines	Introducing Society: Individuals and collectivities. Pluralities and Inequalities among societies. Introducing Sociology: Emergence. Nature and Scope. Relationship with other Social Science disciplines
May	Introducing Sociology	Terms, concepts and their use in society	Social Groups and Society Social Stratification
UNIT TEST I			
June	Introducing Sociology	Terms, concepts and their use in society	Status and RolSociety & Social ControL
July	Introducing Sociology	Understanding social institutions	Family, Marriage and Kinship Work & Economic Life Political Institutions Religion as a Social Institution Education as a Social Institution
August-September	Understanding Society	Social change and Social order in rural and urban society	Social Change: Types, Causes and Consequences Social Order: Domination, Authority and Law; Contestation, Crime and Violence Concepts: Village, Town and City Social Order and Social Change in Rural and Urban Areas
BLOCK TEST 1			
October and November	Introducing Sociology	Culture and Socialization	Defining Culture Dimensions of Culture Socialization Agencies of Socialisation &Sociology
UNIT TEST II			
December	Understanding Society	Introducing Western Sociologists	The Context of Sociology Karl Marx on Class Conflict Emile Durkheim: Division of Labour in society Max Weber: Interpretive Sociology, Ideal Type & Bureaucracy
January		Indian Sociologists	G.S. Ghurye on Caste and Race D.P. Mukherjee on Tradition and Change A.R. Desai on the State M.N. Srinivas on the Village
February	**BLOCK TEST 2**		

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DELHI PUBLIC SCHOOL
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Dance (Bharatnatyam)

SESSION 2025- 26

Month	Unit	Topic	Sub Topic
May	1	Theory: A brief history of IndianDance.	Dances during Vedic Period, Nritya during Aryan Period,Nritya during Ramayan, ,Nritya during Mahabharat, Nritya during Buddha Period
		Practical	Practice of basic standing and sitting positions: Pada and mandalabhedas, Adavus: Tatta Adavus, Natya Adavus
June	2	Theory: A brief history of IndianDance.	Nritya during 3rd ,4th Century, Dance during Rajput Period. Revising of Tatta , Natta Adavus and Ta tei tei ta, Kudittu mettu Adavus
		Practical for July and August	Griba bhed, Shiro bheda,Drishti bhed,Tei ya teiyi standing adavus,Tat tei ta ha adavus,Tat tei Tarn adavus,Kattu adavu and allied utplavanaadavus
July	3		Mughal Period, European Period, Indian dances in the Post Independence Period
August	4		Importance of Adavus and revision of all previous topics
Block Test I			
September	5	Theory:A history of Bharatanatyam:	Mythological reference from the Natyotpatti in the Abhinaya Darpanam, evolution of the different schools of Bharatanatyam - Tanjavur, Pandanallur and Vazhuvur, contribution of the Tanjore quartet
		Practical	Tadhinginatom,Kitatakatarikitatom,Mandiadavu,Sarukkai adavu and revision of previous adavus and padavedas and mandalvedas
October - November	6	Theory:Acquaintance with the themes of RAMAYANA, GITA GOVINDA,.BHAGAVATA PURANA	RAMAYAN-names of all Kandas, Sita swayamvaram, Rama vanagamanam, Surpanakha prasangam, Sita haranam, Choodamani pradanam. GITAGOVINDA: Samoda Damodaram - Lalita lavangalata, Haririha, Aklesha Keshava - Rase harim iha, Mugdha Madhusudana - hari hari hatadarataya Vilakshya Lakshmipatih - yahi madhava Chatura Chaturbhuja - priye charushile: Sanjeevani (Ashtapadi). Acquaintance with other myths and legends pert/inent to the Dance form, The Cosmic dance of Shiva and significance of Nataraja, The story of Mahishasura Mardini, The legend of Ganesha. BHAGAVATA PURANA - names of all Skandas (Sadhana Skanda Dashavatar, Purushartha Skanda - Daksha, Dhruva, Sthiti Skanda - The story of Manu and the description of the world, Vasan Skanda - Prahlada and Nirodha Skanda - Birth and life of Krishna)
		Practical	Simple Korvais in Adi talam for 1-2avartana,Simple forward and backward gaits in Tisra and Chatusra (count of 3 and 4)
Unit Test			
December	7	Theory:Acquaintance with its repertoire and literary contents	Definition of the musical terms used in dancePushpanjali, Mallari, Kautuvam, Alaripu, Jatiswaram, Shabdam, Varnam, Keertanam, Padam, Ashtapadi, Javali and Thillana.
		Practical	Alarippu-Tisra EkaTalam
January	8	Theory:Distinctive aspects of Bharatanatyam	Costume and jewelry, Language and musicstyle, Technical aspects of performance, Basicposture.
	9	Revision	All Unit Revision.
		Practical	Tala-Adi talam and Rupaka talam with hastakriya and ability to repeat theadavu syllabi in Trikala in the appropriatetalam.
Block Test II			

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DELHI PUBLIC SCHOOL
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Yoga

SESSION 2025- 26

Month	Unit	Topic	Sub Topic
MAY	1	Introduction to Yoga and Yogic Practices - I	• Yoga Etymology, definition, Aim, objective and misconception text
JUNE	1	Introduction to Yoga and Yogic Practices - I	• Yoga origin, history and development
			• Rules and regulations to be followed by yoga practitioners
JULY	1	Introduction to Yoga and Yogic Practices - I	• Introduction to Major schools of Yoga (Janan, Yoga Bhakti, Yoga Karma, Patanjali, Hatha)
AUGUST	1	Introduction to Yoga and Yogic Practices - I	• Introduction to yogic practices (Sukshama Vyayama, Surya Namaskar and Asanas)
	Block Test - I		
SEPTEMBER	2	Introduction to Yoga Texts - I	• Introduction and study of Patanjali Yoga Sutra including memorization of selected Sutra
OCTOBER	2	Introduction to Yoga Texts - I	• Introduction and study of Bhagavad Gita including memorization of selected Slokas
NOVEMBER	2	Introduction to Yoga Texts - I	• Introduction of Hata Pradpika.
			• Introduction and study of Gheranda Samhita.
Unit Test - II			
DECEBBER	3	Yoga for Health Promotion – I	• Brief introduction to human body
			• Role of yoga for health promotion
			• Yogic attitudes and practices
JANUARY	3	Yoga for Health Promotion – I	• Holistic approach of yoga towards the health and diseases
			• Introduction to yoga diet and its relevance and importance in yoga Sadhana
			• Dincharya and Ritucharya with respect of yogic lifestyle
FEBRUARY	**Block Test - II**		