



**DELHI PUBLIC SCHOOL
RUBY PARK, KOLKATA**

Syllabus

CLASS XII



Syllabus


**DELHI PUBLIC SCHOOL
RUBY PARK, KOLKATA**

English

SESSION 2025- 26

Month	Unit	Reading Skills/ASL	Writing Skills	Literature
April	1	Comprehension exercises from Literary Passages	Formal Invitation	My Mother at Sixty-Six (poem)
	2	Case based passages	Informal Invitation	The Last Lesson
	3		Replies to Invitation	Lost Spring
May	4	Comprehension from Discursive Passages	Invitations and Replies	Journey to the End of the Earth
	5			The Tiger King
UNIT TEST I				
June	6	ASL	Notice Writing	Keeping Quiet (poem)
			Letter to the Editor	Deep Water The Rattrap
July	7	Comprehension from Discursive Passages	Article Writing	Indigo
			Report Writing	A Thing of Beauty (poem)
			Job Application	Going Places
August	8	Inference from Context	Article Writing Report Writing	Memories of Childhood
	9	ASL	Job Application	The Interview
			Letter to the Editor	Aunt Jennifer's Tigers
BLOCK TEST - I				
September	10	Comprehension from Analytical Passages	Letter to the Editor Job Application	A Roadside Stand (poem) The Enemy
October	11	Comprehension from Analytical Passages	Invitations and Replies Notices	Poets and Pancakes On the Face of It (Play)
November	12	ASL	Article Writing Report Writing	On the Face of It (Play) Revision
November	Pre Board Examination			
Pre Board Syllabus as prescribed by CBSE				

Syllabus



**DELHI PUBLIC SCHOOL
RUBY PARK, KOLKATA**

Mathematics SESSION 2025- 26

Month	Topics	Subtopics
April	Relations and Functions	Types of relations: reflexive, symmetric, transitive and Equivalence Relation, Equivalence Class One to one and onto function
	Inverse Trigonometric Functions	Definition, range, domain, principal value branch. Graphs of inverse trigonometric functions.
	Continuity & Differentiability	Continuity & differentiability at a point and continuity at some interval
May	Continuity & Differentiability	Continuity & differentiability at a point and continuity at some interval
June	UNIT TEST- I	
June	Application of Derivatives	Rate of change of quantities, Increasing & Decreasing Functions
		Maxima and minima (first derivative test motivated geometrically and second derivative test given as a provable tool). Simple problems (that illustrate basic principles and understanding of the subject as well as real-life situations).
July	Matrices	Concept, notation, order, equality, types of matrices, zero and identity matrix, transpose of a matrix, symmetric and skew symmetric matrices. Operations on matrices: Addition and multiplication and multiplication with a scalar. Simple properties of addition, multiplication and scalar multiplication. Noncommutativity of multiplication of matrices and existence of non-zero matrices whose product is the zero matrix (restrict to square matrices of order 2). Invertible matrices and proof of the uniqueness of inverse, if it exists; (Here all matrices will have real entries).
	Determinants	Determinant of a square matrix (up to matrices), minors, co-factors and applications of determinants in finding the area of a triangle. Adjoint and inverse of a square matrix. Consistency, inconsistency and number of solutions of system of linear equations by examples, solving system of linear equations in two or three variables (having unique solution) using inverse of a matrix
	Linear Programming	Introduction, related terminology such as constraints, objective function, optimization, Graphical method of solution for problems in two variables, feasible and infeasible regions (bounded or unbounded), feasible and infeasible solutions, optimal feasible solutions (up to three non-trivial constraints).
	Indefinite Integrals	Integration as inverse process of differentiation, Integration of a variety of functions by substitution,

Syllabus


**DELHI PUBLIC SCHOOL
RUBY PARK, KOLKATA**

Contd....2

Mathematics SESSION 2025- 26

August	Indefinite Integrals	Integration by partial fractions and by parts. Some special integrals
	BLOCK TEST- I	
September	Definite Integrals	Fundamental theorem of Calculus (without proof), Basic properties of definite integrals and evaluation of definite integrals
	Application of the Integrals	Applications in finding the area under simple curves, especially lines, circles/parabolas/ellipses (in standard form only)
	Differential Equations	Definition, order and degree, general and particular solutions of a differential equation. Solution of differential equations by method of separation of variables, solutions of homogeneous differential equations of first order and first degree. Solutions of linear differential equation.
	Probability	Conditional probability, multiplication theorem on probability, independent events, total probability, Bayes' theorem.
October	Probability	Random variable and its probability distribution, mean of random variable.
	Vector	Vectors and scalars, magnitude and direction of a vector. Direction cosines and direction ratios of a vector. Types of vectors (equal, unit, zero, parallel and collinear vectors), position vector of a point, negative of a vector, components of a vector, addition of vectors, multiplication of a vector by a scalar, position vector of a point dividing a line segment in a given ratio. Definition, Geometrical Interpretation, properties and application of scalar (dot) product of vectors, vector (cross) product of vectors.
November	Three dimensional Geometry	Direction cosines and direction ratios of a line joining two points. Cartesian equation and vector equation of a line, skew lines, shortest distance between two lines. Angle between two lines.
	Pre Board Examination	
Pre Board Syllabus as prescribed by CBSE		

Syllabus


**DELHI PUBLIC SCHOOL
RUBY PARK, KOLKATA**

Computer Science SESSION 2025- 26

Month	Topic	Sub-Topic
March	Python Revision Tour	Tokens in Python
		Variables and Assignments
		Simple Input and Output
		Data Types
		Mutable and Immutable Types
		Expressions
		Statement Flow Control
		Looping Statements
April	Python Revision Tour-II	Strings in Python
		Lists in Python
		Tuples in Python
		Dictionaries in Python
		Sorting Techniques
	Working with Functions	Types of function (built-in functions, functions defined in module, user defined functions), creating user defined function, arguments and parameters, default parameters, positional parameters, function returning value(s), flow of execution, scope of a variable (global scope, local scope)
Unit Test - 1		
May	Using Python Libraries	Creating python libraries
June	Exception Handling	Introduction, handling exception using try-catch-finally blocks
July	File Handling	Introduction to files, types of files (Text file, Binary file, CSV file), relative and absolute paths
		Text file: opening a text file, text file open modes (r, r+, w, w+, a, a+), closing a text file, opening a file using with clause, writing/appending data to a text file using write() and writelines(), reading from a text file using read(), readline() and readlines(), seek and tell methods, manipulation of data in a text file
		Binary file: basic operations on a binary file: open using file open modes (rb, rb+, wb, wb+, ab, ab+), close a binary file, import pickle module, dump() and load() method, read, write/create, search, append and update operations in a binary file
		CSV file: import csv module, open / close csv file, write into a csv file using csv.writerow() and read from a csv file using csv.reader()

Syllabus


**DELHI PUBLIC SCHOOL
RUBY PARK, KOLKATA**

Contd....2

Computer Science SESSION 2025- 26

Unit Test - 2		
August	Data Structures: Linear Lists	Stack, operations on stack (push & pop), implementation of stack using list. Introduction to queue, operations on queue (enqueue, dequeue, is empty, peek, is full), implementation of queue using list.
	Database Management	Database concepts: introduction to database concepts and its need Relational data model: relation, attribute, tuple, domain, degree, cardinality, keys (candidate key, primary key, alternate key, foreign key)
	Database Management	Structured Query Language: introduction, Data Definition Language and Data Manipulation Language, data type (char(n), varchar(n), int, float, date), constraints (not null, unique, primary key), create database, use database, show databases, drop database, show tables, create table, describe table, alter table (add and remove an attribute, add and remove primary key), drop table, insert, delete, select, operators (mathematical, relational and logical), aliasing, distinct clause, where clause, in, between, order by, meaning of null, is null, is not null, like, update command, delete command, aggregate functions (max, min, avg, sum, count), group by, having clause, joins: cartesian product on two tables, equi-join and natural join
Block Test - I		
October	Interface Python with MySQL	Connecting SQL with Python, performing insert, update, delete queries using cursor, display data by using fetchone(), fetchall(), rowcount, creating database connectivity applications
November	Computer Networks	Evolution of networking: introduction to computer networks, evolution of networking (ARPANET, NSFNET, INTERNET)
		Data communication terminologies: concept of communication, components of data communication (sender, receiver, message, communication media, protocols), measuring capacity of communication media (bandwidth, data transfer rate), IP address, switching techniques (Circuit switching, Packet switching)
		Transmission media: Wired communication media (Twisted pair cable, Co-axial cable, Fiber-optic cable), Wireless media (Radio waves, Micro waves, Infrared waves)
		Network devices (Modem, Ethernet card, RJ45, Repeater, Hub, Switch, Router, Gateway, WIFI card)
		Network topologies and Network types: types of networks (PAN, LAN, MAN, WAN), networking topologies (Bus, Star, Tree)
		Network protocol: HTTP, FTP, PPP, SMTP, TCP/IP, POP3, HTTPS, TELNET, VoIP, wireless/mobile communication protocol such as GSM, GPRS and WLL
		Mobile telecommunication technologies: 1G, 2G, 3G, 4G and 5G
		Introduction to web services: WWW, Hyper Text Markup Language (HTML), Extensible Markup Language (XML), domain names, URL, website, web browser, web servers, web hosting
Pre Board Examination		
Pre Board Syllabus as prescribed by CBSE		

Syllabus


**DELHI PUBLIC SCHOOL
RUBY PARK, KOLKATA**

Chemistry SESSION 2025- 26

Month	Chapter No.	Chapter	Contents
APRIL	I	SOLUTIONS	<ul style="list-style-type: none"> Types of solutions. Expression of concentration of solutions of solids in liquids Solubility of gases in liquid, solid in liquid. Colligative properties: relative lowering of vapour pressure, Raoult's law, elevation of boiling point, depression of freezing point, osmotic pressure Determination of molecular masses using colligative properties Abnormal molecular mass, Vant Hoff factor
	II	ELECTROCHEMISTRY	<ul style="list-style-type: none"> EMF of a cell, standard electrode potential, Nernst equation and its application to chemical cells. Relations between Gibbs energy change EMF of a cell Conductance in electrolytic solutions, specific and molar conductivity, variations of conductivity with concentration. Kohlrausch's Law. Electrolysis and laws of electrolysis (elementary idea) Dry cell, Electrolytic cells. Galvanic cells, Lead accumulator, Fuel cells, Corrosion
	III	CHEMICAL KINETICS	<ul style="list-style-type: none"> Rate of a reaction (average and instantaneous) Factors affecting rates of reaction. Order and molecularity of a reaction Rate law and specific rate constant, integrated rate equations and half life (only for zero and first order reactions)
MAY	III	CHEMICAL KINETICS (Cont.)	<ul style="list-style-type: none"> Activation energy, Arrhenius equation Concept of collision theory (elementary idea, no mathematical treatment)
JUNE	UNIT TEST - I		
	VI	HALOALKANES AND HALOARENES	<ul style="list-style-type: none"> Haloalkanes: Nomenclature, nature of C-X bond, physical and chemical properties, mechanism of substitution reactions. Optical isomerism. Haloarenes: Nature of C-X bond, substitution reactions (directive influence of halogen for monosubstituted compounds only). Uses and environmental effects of – dichloromethane, trichloromethane, tetrachloromethane, iodoform, freons, DDT.
	VII	ALCOHOLS, PHENOLS AND ETHERS	<ul style="list-style-type: none"> Alcohols: Nomenclature, methods of preparation, physical and chemical properties (of primary alcohols only); identification of primary, secondary and tertiary alcohols; mechanism of dehydration, uses, with special reference to methanol and ethanol.

Syllabus


**DELHI PUBLIC SCHOOL
RUBY PARK, KOLKATA**

Contd....2

Chemistry SESSION 2025- 26

JULY	VII	ALCOHOLS, PHENOLS AND ETHERS	<ul style="list-style-type: none"> Phenols: Nomenclature, methods of preparation, physical and chemical properties, acidic nature of phenol, electrophilic substitution reactions, uses of phenols. Ethers: Nomenclature, methods of preparation, physical and chemical properties, uses.
	VIII	ALDEHYDES, KETONES AND CARBOXYLIC ACIDS	<ul style="list-style-type: none"> Aldehydes and Ketones: Nomenclature, nature of carbonyl group, methods of preparation, physical and chemical properties, and mechanism of nucleophilic addition
AUGUST	VIII	ALDEHYDES, KETONES AND CARBOXYLIC ACIDS	<ul style="list-style-type: none"> Reactivity of alpha hydrogen in aldehydes; uses.
	BLOCK TEST - I		
SEPTEMBER	VIII	ALDEHYDES, KETONES AND CARBOXYLIC ACIDS	<ul style="list-style-type: none"> Carboxylic Acids: Nomenclature, acidic nature, methods of preparation, physical and chemical properties; uses
	IX	AMINES	<ul style="list-style-type: none"> Preparation, physical and chemical properties, uses, identification of primary secondary and tertiary amines. Diazonium salts: Preparation, chemical reactions and importance in synthetic organic chemistry.
	IV	d- and f -BLOCK ELEMENTS	<ul style="list-style-type: none"> General introduction, electronic configuration, occurrence and characteristics of transition metals, general trends in properties of the first row transition metals – metallic character, ionization enthalpy, oxidation states, ionic radii, colour, catalytic property, magnetic properties, interstitial compounds, alloy formation. Preparation and properties of $K_2Cr_2O_7$ and $KMnO_4$. Lanthanoids – electronic configuration, oxidation states, chemical reactivity and lanthanoid contraction and its consequences.
OCTOBER	V	COORDINATION COMPOUNDS	<ul style="list-style-type: none"> Coordination compounds : Introduction, Werner's theory, ligands, coordination number, colour, magnetic properties and shapes IUPAC nomenclature of mononuclear coordination compounds, isomerism (structural and stereo), Bonding, VBT, CFT Importance of coordination compounds (in qualitative analysis, extraction of metals and biological systems).
	X	BIOMOLECULES	<ul style="list-style-type: none"> Carbohydrates – Classification (aldoses and ketoses), monosaccharide (glucose and fructose), D-L configuration.

Syllabus


**DELHI PUBLIC SCHOOL
RUBY PARK, KOLKATA**

Contd....2

Chemistry SESSION 2025- 26

NOVEMBER	X	BIOMOLECULES (Cont.)	<ul style="list-style-type: none">• Carbohydrates – Oligosaccharides (sucrose, lactose, maltose), polysaccharides (starch, cellulose, glycogen): importance of carbohydrates.• Proteins - Elementary idea of a - amino acids, peptide bond polypeptides, proteins, primary structure,secondary structure, tertiary structure and quaternary structure (qualitative idea only), denaturation of proteins; enzymes.• Vitamins – Classification and functions.• Nucleic Acids: DNA and RNA
			REVISION
			PRE-BOARD EXAMINATION
Pre Board Syllabus as prescribed by CBSE			

Syllabus



**DELHI PUBLIC SCHOOL
RUBY PARK, KOLKATA**

Physics SESSION 2025- 26

MONTH	CHAPTER	TOPICS	SUB TOPICS
APRIL	I and II	Electostatics	<p>Electric charges and their conservation. Coulomb's law - force between two point charges, forces between multiple charges; superposition principle and continuous charge distribution.</p> <p>Electric field, electric field due to a point charge, electric field lines; electric dipole, electric field due to a dipole; torque on a dipole in a uniform electric field.</p> <p>Electric flux, statement of Gauss's theorem and its applications to find field due to infinitely long straight wire, uniformly charged infinite plane sheet and uniformly charged thin spherical shell (field inside and outside).</p> <p>Electric potential, potential difference, electric potential due to a point charge, a dipole and system of charges; equipotential surfaces, electrical potential energy of a system of two point charges and of electric dipoles in an electrostatic field.</p> <p>Conductors and insulators, free charges and bound charges inside a conductor. Dielectrics and electric polarisation, capacitors and capacitance, combination of capacitors in series and in parallel, capacitance of a parallel plate capacitor with and without dielectric medium between the plates, energy stored in a capacitor (no derivation, formulae only)</p>
MAY - JUNE	UNIT TEST I		
	IX	Ray Optics	<p>Reflection of light, spherical mirrors, mirror formula. Refraction of light, total internal reflection and optical fibres, refraction at spherical surfaces, lenses, thin lens formula, lens-maker's formula. Magnification, power of a lens, combination of thin lenses in contact.</p> <p>Refraction of light through a prism.</p> <p>Optical instruments: Microscopes and astronomical telescopes (reflecting and refracting) and their magnifying powers.</p>
	III	Current Electricity	<p>Electric current, flow of electric charges in a metallic conductor, drift velocity and mobility, and their relation with electric current; Ohm's law, V-I characteristics (linear and non-linear), electrical energy and power, electrical resistivity and conductivity. Temperature dependence of resistance.</p> <p>Internal resistance of a cell, potential difference and emf of a cell, combination of cells in series and in parallel.</p> <p>Kirchhoff's laws. Wheatstone bridge.</p>
	IV and V	Magnetic Effects of Current and Magnetism	<p>Concept of magnetic field, Oersted's experiment. Biot - Savart law and its application to current carrying circular loop. Ampere's law and its applications to infinitely long straight wire, straight solenoid (only qualitative treatment). Force on a moving charge in uniform magnetic and electric fields. Force on a current-carrying conductor in a uniform magnetic field. Force between two parallel current-carrying conductors-definition of ampere. Torque experienced by a current loop in a uniform magnetic field; current loop as a magnetic dipole and its magnetic dipole moment. Moving coil galvanometer-its current and voltage sensitivity and conversion to ammeter and voltmeter.</p> <p>Bar magnet, bar magnet as an equivalent solenoid (qualitative treatment only). Magnetic field intensity due to a magnetic dipole (bar magnet) along its axis and perpendicular to its axis (qualitative treatment only). Torque on a magnetic dipole (bar magnet) in a uniform magnetic field (qualitative treatment only); magnetic field lines.</p> <p>Magnetic properties of materials- Para-, dia- and ferro- magnetic substances, with examples. Magnetisation of materials; Effect of temperature on Magnetic Properties.</p>
JUNE - JULY			

Syllabus



**DELHI PUBLIC SCHOOL
RUBY PARK, KOLKATA**

Contd....2

Physics SESSION 2025- 26

AUGUST	VI and VII	Electromagnetic Induction and Alternating Currents	Electromagnetic induction; Faraday's law, induced emf and current; Lenz's Law,. Self and mutual inductance. Alternating currents, peak and rms value of alternating current /voltage; reactance and impedance;LCR series circuit(Phasors only), resonance; power in AC circuits,power factor, wattless current.AC generator and transformer.
	VIII	Electromagnetic Waves	Basic idea of displacement current,Electromagnetic waves and their characteristics, their transverse nature (qualitative ideas only). Electromagnetic spectrum (radio waves, microwaves, infrared, visible, ultraviolet, x-rays, gamma rays) including elementary facts about their uses.
	BLOCK TEST 1		
SEPTEMBER	X	Wave Optics	Wavefront and Huygens' principle, reflection and refraction of plane wave at a plane surface using wavefronts. Proof of laws of reflection and refraction using Huygens' principle. Interference, Young's double slit experiment and expression for fringe width (No derivation final expression only), coherent sources and sustained interference of light. Diffraction due to a single slit, width of central maximum(qualitative treatment only).
	XI	Photoelectric Effect Dual nature and matter waves	Dual nature of radiation,Photoelectric effect, Hertz and Lenard's observations; Einstein's photoelectric equation - particle nature of light .Experimental Study of Photoelectric Effect.Matter waves - wave nature of particles, de Broglie relation.
OCTOBER	XII & XIII	Atoms and Nuclei	Alpha - particle scattering experiment; Rutherford's model of atom; Bohr model of Hydrogen atom ,expression of radius of nth possible orbit,velocity and energy of electron in this orbit of Hydrogen line spectra(qualitative treatment only). Composition and size of nucleus,nuclear force, Mass-energy relation, mass defect; binding energy per nucleon and its variation with mass number; nuclear fission and fusion.
NOVEMBER	XIV	Electronic Devices	Energy Baands in conductors,Semiconductors and insulators(qualitative treatment only), intrinsic and extrinsic semi conductors ,p type and n type ,pn junction; semiconductor diode - I-V characteristics in forward and reverse bias, diode as a rectifier;
NOVEMBER - DECEMBER	PREBOARD EXAMINATION		
Pre Board Syllabus as prescribed by CBSE			

Syllabus



**DELHI PUBLIC SCHOOL
RUBY PARK, KOLKATA**

Biology SESSION 2025- 26

MONTH	UNIT	NAME OF THE CHAPTERS
APRIL	REPRODUCTION	Sexual reproduction in flowering plants
MAY	REPRODUCTION	Human reproduction
		Reproductive health
	GENETICS AND EVOLUTION	Principles of inheritance and variation
UNIT TEST I		
JUNE	GENETICS AND EVOLUTION	Principles of inheritance and variation (Continued)
JULY	GENETICS AND EVOLUTION	Molecular basis of inheritance
		Theory of evidences of evolution
	BIOLOGY IN HUMAN WELFARE	Microbes in human welfare - introduction
AUGUST	BIOLOGY IN HUMAN WELFARE	Microbes in human welfare continued
		Human health and diseases - introduction
BLOCK TEST I		
SEPTEMBER	BIOLOGY IN HUMAN WELFARE	Human health and diseases- continued
	BIOTECHNOLOGY	Biotechnology: principles and process
OCTOBER	BIOTECHNOLOGY	Biotechnology and its application
	ECOLOGY	Organisms and population
NOVEMBER	ECOLOGY	Ecosystems
		Biodiversity and conservation
	REVISION FOR PRE BOARD EXAMINATION	
PRE BOARD EXAMINATION		
Pre Board Syllabus as prescribed by CBSE		

Syllabus


**DELHI PUBLIC SCHOOL
RUBY PARK, KOLKATA**

Computer Science SESSION 2025- 26

Unit Test - 2		
August	Data Structures: Linear Lists	Stack, operations on stack (push & pop), implementation of stack using list. Introduction to queue, operations on queue (enqueue, dequeue, is empty, peek, is full), implementation of queue using list.
	Database Management	Database concepts: introduction to database concepts and its need Relational data model: relation, attribute, tuple, domain, degree, cardinality, keys (candidate key, primary key, alternate key, foreign key)
	Database Management	Structured Query Language: introduction, Data Definition Language and Data Manipulation Language, data type (char(n), varchar(n), int, float, date), constraints (not null, unique, primary key), create database, use database, show databases, drop database, show tables, create table, describe table, alter table (add and remove an attribute, add and remove primary key), drop table, insert, delete, select, operators (mathematical, relational and logical), aliasing, distinct clause, where clause, in, between, order by, meaning of null, is null, is not null, like, update command, delete command, aggregate functions (max, min, avg, sum, count), group by, having clause, joins: cartesian product on two tables, equi-join and natural join
Block Test - I		
October	Interface Python with MySQL	Connecting SQL with Python, performing insert, update, delete queries using cursor, display data by using fetchone(), fetchall(), rowcount, creating database connectivity applications
November	Computer Networks	Evolution of networking: introduction to computer networks, evolution of networking (ARPANET, NSFNET, INTERNET)
		Data communication terminologies: concept of communication, components of data communication (sender, receiver, message, communication media, protocols), measuring capacity of communication media (bandwidth, data transfer rate), IP address, switching techniques (Circuit switching, Packet switching)
		Transmission media: Wired communication media (Twisted pair cable, Co-axial cable, Fiber-optic cable), Wireless media (Radio waves, Micro waves, Infrared waves)
		Network devices (Modem, Ethernet card, RJ45, Repeater, Hub, Switch, Router, Gateway, WIFI card)
		Network topologies and Network types: types of networks (PAN, LAN, MAN, WAN), networking topologies (Bus, Star, Tree)
		Network protocol: HTTP, FTP, PPP, SMTP, TCP/IP, POP3, HTTPS, TELNET, VoIP, wireless/mobile communication protocol such as GSM, GPRS and WLL
		Mobile telecommunication technologies: 1G, 2G, 3G, 4G and 5G
		Introduction to web services: WWW, Hyper Text Markup Language (HTML), Extensible Markup Language (XML), domain names, URL, website, web browser, web servers, web hosting
	Pre Board Examination	
Pre Board Syllabus as prescribed by CBSE		

Syllabus



**DELHI PUBLIC SCHOOL
RUBY PARK, KOLKATA**

Economics SESSION 2025- 26

MONTH	UNIT	TOPIC	SUB-TOPIC
MARCH	PART A (MACROECONOMICS), UNIT 1	NATIONAL INCOME AND RELATED AGGREGATES	Meaning, Basic concepts in Macroeconomics. Capital goods, consumption goods, final goods, intermediate goods, gross investment, net investment, depreciation and capital loss. Concepts of stock and flow
APRIL	PART A (MACROECONOMICS)	NATIONAL INCOME AND RELATED AGGREGATES	Circular flow of income in two-sector economy, Methods of calculating National Income- value- added, income and expenditure methods. Aggregates related to national income. Real and Nominal GDP, GDP Deflator, GDP and welfare.
MAY	PART B (INDIAN ECONOMIC DEVELOPMENT), UNIT 6	DEVELOPMENT EXPERIENCE (1947 -1990)	Indian economy on the eve of independence. Indian economic system and the common goals of the five-year plans. Main features, problems and policies of agriculture- institutional reforms and new agricultural strategy, Industrial Policy Resolution of 1956, Foreign Trade, SSI -Role and Importance.
UNIT TEST			
JUNE	PART B (INDIAN ECONOMIC DEVELOPMENT), UNIT 6.	ECONOMIC REFORMS SINCE 1991.	Features and appraisals of liberalization, globalization and privatisation. Concepts of demonetization and GST.
JULY	PART A (MACROECONOMICS), UNIT 2, 4. PART B (INDIAN ECONOMIC DEVELOPMENT), UNIT 7.	MONEY AND BANKING. GOVERNMENT BUDGET AND THE ECONOMY. CURRENT CHALLENGES FACING INDIAN ECONOMY- HUMAN CAPITAL FORMATION, RURAL DEVELOPMENT.	Money- Meaning & functions, supply of money- currency held by public and net demand deposits held by Commercial Banks, Money creation by Commercial Banks. Central Bank and its functions, Credit control through Bank rate, Repo rate, Reverse repo rate, Open market operations, CRR, SLR, Margin requirement. Meaning and objectives of Government Budget, components, How people become resource, role of human capital in economic development and growth of education sector in India. Credit and marketing in rural India, key issues, role of cooperatives, agricultural diversification, alternate farming-organic farming.
AUGUST	PART A (MACROECONOMICS), UNIT 4	GOVERNMENT BUDGET AND THE ECONOMY. DETERMINATION OF INCOME AND EMPLOYMENT	Classification of receipts- revenue receipts and capital receipts, classification of expenditure- revenue and capital expenditure. Balanced, surplus and deficit budget-measures of budgetary deficits.

Syllabus



**DELHI PUBLIC SCHOOL
RUBY PARK, KOLKATA**

Contd....2

Economics SESSION 2025- 26

SEPTEMBER	PART A (MACROECONOMICS), UNIT 3	DETERMINATION OF INCOME AND EMPLOYMENT	Aggregate demand and its component, Propensity to consume and save, Short run equilibrium output, investment multiplier and its mechanism. Meaning of full employment and involuntary employment. Process of excess demand and deficient demand. Measures to correct them - changes in government spending ,taxes and money supply.
OCTOBER	PART A (MACROECONOMICS), UNIT 5. PART B (INDIAN ECONOMIC DEVELOPMENT) UNIT 7	BALANCE OF PAYMENTS AND FOREIGN EXCHANGE RATE. EMPLOYMENT GROWTH AND INFORMALISATION OF WORKFORCE	Balance of payments-meaning and components. Surplus and deficit balance of payments. Foreign exchange rate- meaning of fixed flexible and managed floating. Determination of exchange rate in a flexible market, merits and demerits of fixed and flexible exchange rate. Growth and changes in workforce participation rate in formal and informal sectors: problems and policies.
NOVEMBER	PART B (INDIAN ECONOMIC DEVELOPMENT) UNIT 7,8	SUSTAINABLE DEVELOPMENT. DEVELOPMENT EXPERIENCE OF INDIA- A COMPARISON WITH NEIGHBOURS	Meaning, effects of economic development on resources and environment and global warming. Comparison of India with China and Pakistan on issues of economic growth, population, sectoral development and other human development indicators.
NOVEMBER	PRE BOARD EXAMINATION		
Pre Board Syllabus as prescribed by CBSE			

Syllabus


**DELHI PUBLIC SCHOOL
RUBY PARK, KOLKATA**

Accountancy SESSION 2025- 26

Month	Topic	Sub Topic
March	Company Accounts	Financial Statements of Company (Balance Sheet as per Schedule III of Companies Act 2013 and Statement of Profit & Loss)
		Issue of Shares at Par and Premium and consideration other than cash, Calls in arrear, Calls in Advance and Over subscription
		Oversubscription of shares issued at par and premium
April	Company Accounts	Forfeiture and reissue of shares and balance sheet representation
		Issue of Debentures - Issued at Par, Premium and Discount , Issue of Debentures as Collateral Securities and Issue of Debentures for consideration other than cash. Writting off Interest of Debentures. Issue of Debentures when redemption condition is given.
May	Analysis of Financial Statements	Comparative and Common size Statements , Ratio Analysis -Liquidity ratios
Unit Test -I		
June	Analysis of Financial Statements	Ratio Analysis- Solvency, Activity and Profitability ratios
July	Partnership	Fundamentals of Partnership - Theory, P/L Appropriation Account, Interest on Capital, Interest on Drawings, Fluctuating and Fixed Capital Accounts, Rectification of Closed Accounts and Guarantee of Minimum Share of Profit
July	Partnership	Change in Profit Sharing Ratio among existing Partners - Calculation of Sacrificing and Gaining Ratio, Valuation of Goodwill, Treatment of Goodwill, Treatment of Reserves and Accumalated Profits and Revaluation of Assets and Liabilities. Treatment of Workmen Compensation Reserve and Investment Fluctuation Reserve. Including preparation of new balance sheet.
August	Partnership	Admission of a Partner - Premium for Goodwill and preparation of Revaluation Account, Partners Capital Account and Balance Sheet of reconstituted firm
Block Test 1		
September	Partnership	Admission of a Partner - Hidden Goodwill and Adjustment of Capital in admission of a partner.
		Retirement of a Partner along with Partner's Loan Account and Death of a Partner along with Executor's Loan Account
October	Analysis of Financial Statements	Cash Flow Statement from Operating, Investing and Financing activities
November	Partnership	Dissolution of a firm along with Memorandum Balance Sheet and Journal Entries.
	Pre Board Examination	
Pre Board Syllabus as prescribed by CBSE		

Syllabus



**DELHI PUBLIC SCHOOL
RUBY PARK, KOLKATA**

Business Studies SESSION 2025- 26

Month	Topic	Sub Topic
March	Nature and Significance of Management	Characteristics and Objectives Of management, Nature and levels of Management
		Functions of Management and Coordination
	Principles of Management	Nature of Principles of Management , Importance of Principles of Management and Fayol's Principle
April	Principles of Management	Fayol's Principal Contd and Taylor's Principles and Technique and Comparison between Taylor and Fayol
	Business Environment	Introduction of Business Environment, Features and Importance, Dimensions of business environment, Demonetisation-concept and importance
		Marketing Management - Meaning, Functions and Marketing Philosophies and Marketing Mix Introduction
	Marketing Management	Marketing Mix -Product and Price Mix
May	Marketing Management	Marketing Mix - Promotion mix along with Public Relations and Place mix
Unit Test - I		
June	Financial Management	Definition of Financial Management, Three important decisions-Meaning and Factors effecting the same. Financial Planning- Objectives and Importance, Capital structure concept and factors affecting Capital structure
July	Financial Mngement	Trading on Equity - its mathematical proof. Fixed and Working Capital and factors affecting Fixed and Working capital
	Financial Markets	Concept, Types, Money market and its instruments , Distinction between Money Market and Capital Market, Stock Exchange and its Function and Trading Procedure and Securities and Exchange Board of India - Objectives
	Consumer Protection	Concept and Importance, Consumer Protection Act 2019, Role of NGO's and Non-Governmental organisations
August	Planning	Concept and Importance, Limitations, Planning Process and Types of Plans

Syllabus


**DELHI PUBLIC SCHOOL
RUBY PARK, KOLKATA**

Contd....2

Business Studies SESSION 2025- 26

Block Test - I		
September	Organising	Concept and Importance, Organising Process, Structure of Organisation - Divisional and Functional Structure, Types of Organising, Formal and Informal, Delegation and Decentralisation-Concept, Elements Importance, Delegation and Decentralization- Concept, Importance and Elements
	Staffing	Concept and Importance, Staffing as a part of HRM, Staffing Process and Sources of Recruitment - Internal and External - Merits and Demerits
October	Staffing	Selection Process, Training and Development - Concept, Importance and Methods
	Directing	Concepts , Importance and Elements. Motivation- Concept , Maslow's Theory and Financial and Non-Financial Incentives , Leadership - Concepts, Styles of Leadership, Communication - Concept, Formal and Informal Communication, Barriers to Communication and how to overcome Barriers to Communication
November	Controlling	Concept, Importance, Process of Controlling, Relationship between Planning and Controlling.
	Pre Board Examination	
Pre Board Syllabus as prescribed by CBSE		

Syllabus


**DELHI PUBLIC SCHOOL
RUBY PARK, KOLKATA**

Entrepreneurship SESSION 2025- 26

Month	Topic	Sub Topic
April	Entrepreneurial Oppurtunity	1. Elements of Business opportunity
		2. Factors involved in sensing opportunity
		3. Concept of environmental scanning
		4. Factors affecting business environment
		5. Meaning of idea fields
		6. Various sources of idea fields
		7. Technique of transformation of ideas into oportunities
		8. Understanding trend spotting
		9. Creative and innovative processes
	Enterprise Planning	1. Type of economic activities
2. Forms of business organizations		
May	Enterprise Planning	3. Business Plan
		4. Format of Business Plan
		5. Formalities required for starting a business
Unit Test - I		
June	Enterprise Marketing	1. What are Goal setting and Smart Goals
		2. Various marketing strategies used in a firm
		3. Understanding in detail 4P's in marketing
		4. Understanding the concepts of Brand, Logo and Tagline
		5. Meaning and methods of negotiation
		6. Understanding the importance of employees, customer and vendor
		7. Understanding the importance of quality in customer satisfaction
		8. Various reasons for business failures

Syllabus


**DELHI PUBLIC SCHOOL
RUBY PARK, KOLKATA**

Contd....2

Entrepreneurship SESSION 2025- 26

July	Enterprise Growth Strategies	1. Detail about franchising and its types
		2. How growth of firm possible through merger and acquisition
		3.Types and meaning of mergers and acquisitions
		4. Understand the reasons for mergers and acquisitions
		5. Understand the reasons for failure of mergers and acquisitions
		6. Concept of value addition
		7. Meaning of value chain and requirement of value chain management
August	Business Arithmetic	1. Concept of Unit price, Break even point and its calculations
		2. Meaning of Inventory control and E.O.Q
Block Test - I		
September	Business Arithmetic	3. Meaning of cash flow projection and concept of working capital
		4. Terminologies of Financial management and budgets
		5. Concept and calculation of Return on Investment and Return on Equity
October	Resource Mobilisation	1. Understand the need of finance in Business
November		2. Discuss the various sources of funds required for a firm
		3. Understand the ways of raising funds in primary market
		4. Angel Investors and Venture capitalists- Features and funding
Pre Board Examination		
Pre Board Syllabus as prescribed by CBSE		

Syllabus


**DELHI PUBLIC SCHOOL
RUBY PARK, KOLKATA**

Political Science SESSION 2025- 26

Month	Units	Book 1 : Contemporary World Politics	
		Topic	Sub -Topic
April-May	1	The End of Bipolarity	The Soviet System, Gorbachev and disintegration, Disintegration of Soviet Union-Causes and Consequences, Shock Therapy; New entities in world politics, India's relations with Russia and other post-communist countries.
	2	Contemporary Centres of Power	European Union, ASEAN, Rise of China as an economic power, Japan and South Korea as emerging powers.
	3	Contemporary South Asia	Military and Democracy in Pakistan and Bangladesh; Monarchy and Democracy in Nepal; Ethnic Conflict and Democracy in Sri Lanka, India-Pakistan Conflicts; India and its Neighbours; Peace and Cooperation
UNIT TEST 1			
June	4	International Organizations	Meaning and importance of International Organisations. Evolution of the UN, Structure and Functions of International Organisations, Principal Organs of UN, Reform of the UN, Reform of Structures, Processes and Jurisdiction of the UN, India and UN Reforms, Key Agencies: IMF, World Bank, WTO, ILO, IAEA; NGO: Amnesty International, Human Rights Watch, Implications and Future of International Organisations
	5	Security in Contemporary World	Security: Meaning and Type of Security; Traditional and non-traditional concepts of Security, New Sources of Threats, Cooperative Security, India's Security Strategy
July	6	Environment and Natural Resources	Environmental Concerns, Global Commons, Common but differentiated Responsibilities, India's Stand on Environmental Issues, Environmental Movements, Resource Geopolitics, Rights of Indigenous People
	7	Globalisation	Concept of Globalisation, Causes and Consequences of Globalisation, India and Globalisation, Resistance to Globalisation, India and Resistance to Globalisation
July - August	1	Challenges of Nation-Building	Challenges for the new Nation: Three Challenges ; Partition: Displacement and Rehabilitation: Consequences of Partition; Integration of Princely States; Reorganisation of States
	2	Era of One-Party Dominance	Challenges of Building Democracy; Congress dominance in the first three general elections. Nature of Congress dominance, Congress as social and ideological coalition. Tolerance and management of Factions; Emergence of opposition parties.
	3	Politics of Planned Development	Political contestation: Ideas of Development, Planning, Planning Commission The Early Initiatives: The First Five Year Plan, Rapid Industrialisation.
	4	India's External Relations	International Context The Policy of NonAlignment: Nehru's role, Distance from two camps, Afro Asian Unity Peace and conflict with China-The Chinese Invasion 1962, War and Peace with Pakistan, Bangladesh War 1971 India's Nuclear Policy

Syllabus



**DELHI PUBLIC SCHOOL
RUBY PARK, KOLKATA**

Contd....2

Political Science SESSION 2025- 26

BLOCK TEST I			
September	5	Challenges to and Restoration of the Congress	Challenges of Political Succession- From Nehru to Shashtri, From Shastri to Indira Gandhi Fourth General Election 1967: Context of the Election, Non Congressism, Electoral Verdict, Coalitions, Defections Split in the Congress- Indira vs the Syndicate, Presidential Election 1969 The 1971 Election and Restoration of Congress- The outcome and after, Restoration
	6	The Crisis of Democratic Order	Background to Emergency: Economic Context.-Gujarat and Bihar Movements- Conflict with Judiciary Declaration of Emergency-Crisis and response, Consequences, Lessons of the Emergency; Politics after Emergency- Lok Sabha Elections 1977, Janata Government Legacy
October- November	7	Regional Aspirations	Region and the Nation-Indian Approach, Areas of Tension, Jammu and Kashmir, Roots of the Problem, External and Internal disputes, Politics since 1948, Insurgency and After, 2022 and Beyond Punjab- Political Context, Cycle of Violence, Road to Peace The Northeast- Demand for autonomy, Secessionist Movements, Movements against outsiders, Assam and National integration
	8	Recent Developments in Indian Politics	Context of 1990s Era of Coalition-Alliance Politics Political rise of the Backward Classes- Mandal Implemented, Political Fallouts Communalism, Secularism and Democracy.-Ayodhya Dispute, Demolition and after Emergence of New Consensus Lok Sabha Elections 2004 Growing Consensus
November	Pre Board Examination		
Pre Board Syllabus as prescribed by CBSE			

Syllabus


**DELHI PUBLIC SCHOOL
RUBY PARK, KOLKATA**

History SESSION 2025- 26

Month	Unit	Topic	Sub-topics
April - May	1	Bricks, Beads and Bones	Beginning Subsistence strategies Mohenjo Daro- A planned urban centre Tracking social differences Finding out about craft production Strategies for procuring materials Seals, script, weights Ancient authority The end of the civilization Discovering the Harappan civilization Problems of piecing together the past
	2	Kings, Farmers and Towns	Princep and Piyadassi The earliest states An early empire New notions of kingship A changing countryside Towns and trade Back to basics- how are inscriptions deciphered? The limitations of inscriptional evidence
	3	Kinship, Caste and Class	The critical edition of the Mahabharata Kinship and marriage Social differences: within and beyond the framework of caste Beyond birth - resources and status Explaining social differences Handling text: Historians and the Mahabharata A dynamic text
	4	Thinkers, Beliefs and Buildings	A glimpse of Sanchi The background: sacrifices and debates Beyond worldly pleasures: the message of Mahavira The Buddha and the quest for enlightenment Teachings of the Buddha Followers of the Buddha Stupas Discovering stupas: the fate of Amaravati and Sanchi Sculpture New religious traditions Can we see 'everything'?

Syllabus


**DELHI PUBLIC SCHOOL
RUBY PARK, KOLKATA**

Contd....2

History

SESSION 2025- 26

Unit Test I			
June	5	Through the Eyes of Travellers	Al-Biruni and the Kitab-ul-Hind Ibn Battuta's Rihla Francois Bernier: A doctor with a difference Making sense of an alien world: Al-Biruni and the Sanskrit tradition Ibn Battuta and the excitement of the unfamiliar Bernier and the 'degenerate' East Women, slaves, sati and labourers
July	6	Bhakti- Sufi Traditions	A mosaic of religious beliefs and practices Poems of prayer: Early traditions of Bhakti The Virashaiva tradition in Karnataka Religious ferment in North India New strands in the fabric: Islamic traditions The growth of Sufism The Chishtis in the subcontinent New devotional path: Dialogue and dissent in North India Reconstructing histories of religious traditions
	7	An Imperial Capital: Vijayanagara	The discovery of Hampi Rayas, Nayakas and Sultans Vijayanagara: the capital and its environs The royal centre The sacred centre Plotting palaces, temples and bazaars Questions in search of answers
August	8	Peasants, Zamindar and the State	Peasants and agricultural production A village community Women in agrarian society Forests and tribes The zamindars Land revenue system The flow of silver The Ain-i-Akbari of Abul Fazal Allami
	9	Colonialism and the Countryside	Bengal and the zamindars The hoe and the plough A revolt in the countryside: the Bombay Deccan The Deccan Riots Commission

Syllabus


**DELHI PUBLIC SCHOOL
RUBY PARK, KOLKATA**

Contd....2

History SESSION 2025- 26

Block Test I			
September - October	10	Rebels and the Raj	Pattern of the uprising Awadh in revolt What the rebels wanted Repression Images of the revolt
	11	Mahatma Gandhi and the Nationalist Movement	A leader announces himself The making and unmaking of Non- cooperation The Salt Satyagraha: a case study Quit India The last heroic days Knowing Gandhi
November	12	Framing of the Constitution	A tumultuous time The vision of the constitution Defining rights The powers of the state The language of the nation
	Pre Board Examination		
Pre Board Syllabus as prescribed by CBSE			

Syllabus



**DELHI PUBLIC SCHOOL
RUBY PARK, KOLKATA**

Geography SESSION 2025- 26

Month	Unit	Topic	Sub topic
April	I	Human Geography	Introduction to Human Geography Approaches to study Human Geography Regional and Systematic Geography, Dualism Nature of Human Geography Naturalisation of Humans and Humanisation of Nature Schools of thought in Human Geography Fields and subfields of Human Geography
	II A	The World Population Density Distribution and Growth	Population-distribution and density Factors influencing the distribution of population Population Growth Components of Population change Demographic Transition Population Control Measures
May	II B	Human Development	Human development - concept; selected indicators Growth and Development The four pillars of Human Development Approaches to Human Development Measuring Human Development- HDI, HPI and GNH International comparisons
UNIT TEST I			
June	III A	Primary Activities	Concept and types: Hunting and Gathering, Pastoralism; Nomadic Herding, Commercial Livestock Rearing Types of agriculture: Primitive Subsistence, Intensive Subsistence Commercial Agriculture: Plantation Agriculture, Extensive Commercial Grain Cultivation Mixed Farming, Dairy farming, Mediterranean Agriculture, Market Gardening and Horticulture Cooperative Farming, Collective Farming Mining, factors affecting mining Methods of Mining
July	III B	Secondary Activities	Manufacturing: Characteristics of Modern large-Scale Manufacturing Factors influencing industrial Location Classification of manufacturing Industries: On the basis of Size, Inputs /raw material, Output /Products and Ownership Concept of High tech Industry

Syllabus


**DELHI PUBLIC SCHOOL
RUBY PARK, KOLKATA**

Contd....2

Geography SESSION 2025- 26

August	III C	Tertiary and Quaternary Activities	Tertiary activities-concept and types Trade and commerce: Retail and Wholesale trading Transport, Factors Affecting Transport; Communication Services People engaged in tertiary activities Tourism, Major tourist regions Tourist attractions - some examples from selected countries Medical Services for Overseas Patients in India Quaternary and Quinary activities-concept The Digital Divide
BLOCK TEST - I			
September	III D	Transport, Communication and Trade	Transport Modes of Transportation: Land transport: Roadways, Highways, Road Density, Border Roads. Railways: Trans-continental Railways: Trans-Siberian, Trans Canadian, Australian Trans Continental, Water Transport: Important Sea Routes, Shipping Canals, Inland waterways Air transport: Inter-Continental air routes Pipelines Communications: Satellite Communications and Cyber Space- Internet
October	III E	International Trade	History of International trade Why Does International Trade Exist? Basis of International Trade Balance of Trade Types of International Trade: Bilateral and Multi-lateral trade Case for Free Trade Concept of Dumping World Trade Organisation Regional Trade Blocs Concerns Related to International Trade Gateways of International trade: Ports Types of Port
			Revision
November	PRE-BOARD EXAMINATION		
Pre Board Syllabus as prescribed by CBSE			

Syllabus


**DELHI PUBLIC SCHOOL
RUBY PARK, KOLKATA**

Contd....2

Geography SESSION 2025- 26

India People And Economy [Part B]			
Month	Unit	Topic	Sub topic
April	I	Population Distribution Density Growth and Composition	Distribution of Population Density of Population Growth of population Four distinct phases of population growth Regional Variation in Population Growth Population Composition: Rural – Urban Composition, Linguistic Composition, Religious Composition Composition of Working Population Promoting Gender Sensitivity through 'Beti Bachao–Beti Padhao' Social Campaign.
May	II	Human Settle- ments	Rural settlements - types and distribution Urban settlements - types, distribution Evolution of Towns in India Urbanisation in India Functional Classification of Towns Smart Cities Mission
UNIT TEST I			
June	III A	Land Resources and agriculture	Land resources- general land use Land use categories Land-use Changes in India Common Property Resources Agricultural Land Use in India Cropping Seasons in India Types of Farming Geographical conditions and distribution of major crops (Wheat, Rice, Tea, Coffee, Cotton, Jute, Sugarcane and Rubber); Agricultural development in India Growth of Agricultural Output and Technology
July	III B	Water Resources	Water resources- Surface water and Groundwater Resources Lagoons and Backwaters Water Demand and Utilisation - irrigation, domestic, industrial and other uses; Emerging Water Problems: Deterioration of Water Quality Water Conservation and Management; Prevention of Water Pollution; Rain water harvesting and Watershed management

Syllabus



**DELHI PUBLIC SCHOOL
RUBY PARK, KOLKATA**

Contd....2

Geography SESSION 2025- 26

August	III C	Mineral and Energy Resources	Mineral Resources: Introduction and Types Major mineral belts of India Distribution of Ferrous Minerals (Iron ore and Manganese), Non-Ferrous Minerals (Bauxite and Copper); Non-metallic minerals (Mica) Energy Resources: Conventional sources (Coal, Petroleum and Natural gas) and non-conventional sources (Nuclear, Solar, Wind, Tidal and Wave and Geothermal and Bio energy) Conservation of Mineral Resources
August	III D	Planning and Sustainable Development in Indian Context	Planning- Introduction Target Area Planning: Hill Area Development Programme, Drought Prone Area Programme. Concept of Sustainable Development Case Studies – 1. Integrated Tribal Development Project in Bharmaur* Region, 2. Indira Gandhi Canal (Nahar) Command Area
BLOCK TEST I			
September	IV A	Transport Communication	Means of transport: Land (Road transport, Rail transport and Oil and Gas pipelines), Water transport (Inland waterways and Oceanic routes) and Air transport Communication Networks- Personal and Mass Communication Systems
	IV B	International Trade	Changing Pattern of the Composition of India's Exports and Import Direction of Trade Sea Ports as Gateways of International Trade Major Seaports of India along with their hinterlands. Airports
October	V	Geographical Perspective On Selected Issues and Problems	Environmental pollution- Introduction and types Urban-waste disposal Rural-Urban Migration: Case Study Problems of Slums Land degradation: Case study
	Revision		
November	PRE-BOARD EXAMINATION		
Pre Board Syllabus as prescribed by CBSE			

Syllabus



**DELHI PUBLIC SCHOOL
RUBY PARK, KOLKATA**

Psychology SESSION 2025- 26

Month	Units/ Chapter s	Topic	Sub-Topic
March & April	4 & 5	Psychological Disorders and Therapeutic Approaches	Concept Of Abnormality: Factors and Models; Classification Of Disorders (DSM V, ICD 10), Characteristics Of Disorders, Major Psychological Disorders: Anxiety, Somatoform, Mood, Dissociative, Childhood Disruptive, Neuro-Developmental, Schizophrenia, Substance abuse. Therapeutic Approaches: Concept, Therapist-Client relationship; Types of Therapies: Psychodynamic, Cognitive Behaviour Therapy, Rational Emotive Therapy, Beck's Cognitive Therapy, Humanistic-Existential Therapy, Client-Centred Therapy, Rehabilitation of mentally ill.
		Project on Case Study	Introduction To Case Study, Format Of Data Taking Data Collection And Report Writing Guidelines
		Practical 1	Assessment of intelligence (IQ) of the subject through Raven's Progressive Matrices (RPM)
May - June	1	Variations In Psychological Attributes	Individual Differences In Human Functioning Assessment Of Intelligence Theories Of Intelligence: Spearman, Alfred Binet, Thurstone, Howard Gardener, JP Guilford, Robert Sternberg, PASS model Measurement of Intelligence: Concept of IQ, Normal Probability Curve, Types of Intelligence tests, Intellectual Deficiency and Intellectual Giftedness; Special Abilities-Aptitude, Creativity, Emotional Intelligence.
UNIT TEST I			
July	2	Practical 2	Assessment of the adjustment level of the subject using the Global Adjustment Scale
		Self And Personality	Personality Nature And Definition, Western and Indian perspective. Major Approaches –Types And Traits. Theories of personality- Psychoanalytic theory by Sigmund Freud, Neo- Freudian theories (Karen Horney, Carl G. Jung, Alfred Adler, Erik Erikson, Erik Fromm), Trait and Type theory (Cattell, Allport, Eysenck). Friedman and Rosenman's theory of types. Hippocrates and Ayurveda Classification. Approaches to Personality- Behavioural, Cultural and Humanistic. Assessment Of Personality-Self Report (EPQ-R, MMPI, 16PF), Behavioural Rating, Projective Techniques - TAT, Rorschach, DAP, sentence completion, Rosenzweig's picture frustration study.
		Practical 3	Assessment of the personality traits of an individual using the Eysenck's Personality Questionnaire revised.

Syllabus


**DELHI PUBLIC SCHOOL
RUBY PARK, KOLKATA**

Contd....2

Psychology SESSION 2025- 26

August	3	Meeting Life Challenges	Stress- Nature And Definition, Types of Stress:Physiological, Psychological,Environmental;Signs and Symptoms of stress, Effects Of Stress, General Adaptation Syndrome (GAS), Stress & Immune system, Coping with stress, Stress Management Techniques Promoting Positive Health And Wellbeing, Life Skills.
		Practical 4	Assessment of the self concept of the subject using the Self Concept Questionnaire(SCQ) by RK Saraswat.
BLOCK TEST I			
September	6	Attitude and Social Cognition	Explaining social behaviour,Nature & Components of attitude, Attitude formation and change,Attitude-Behaviour Relationship, Prejudice and Discrimination, Strategies for handling Prejudice
October	7	Social influence and group processes	Nature of groups, Formation of groups, types of groups, Why people join groups, Formation of groups, Stages of group formation,Influence of groups on individuals: Social Loafing, Group Polarization, Bandwagon effect
		Practical 5	Assessment of Attitude of the subject using Sodhi's Attitude Scale
November	PRE BOARD EXAMINATION		
Pre Board Syllabus as prescribed by CBSE			

Syllabus



**DELHI PUBLIC SCHOOL
RUBY PARK, KOLKATA**

Sociology SESSION 2025- 26

Month	Unit	Topic	Sub-Topic
April - May	Indian Society	Introducing Indian Society (Non-evaluative)	Colonialism, Nationalism, Class and Community
		The Demographic Structure of Indian Society	Theories and concepts in demography Rural-Urban Linkages and Divisions Population Policy in India
	Social Change and Development in India	Structural Change	Understanding Colonialism, Industrialization, Urbanization
	Indian Society	Social Institutions: Continuity and Change	Caste and the Caste System Tribal Communities Family and Kinship
Unit Test I			
June	Social Change and Development in India	Cultural Change	Social Reform Movements Different Kinds of Social Change: Sanskritisation, Westernisation, Modernization, Secularization
July	Indian Society	Patterns of Social Inequality and exclusion	Social Inequality and Social Exclusion Systems justifying and perpetuating Inequality - Caste, Tribe, the Other Backward Classes Adivasi Struggles The Struggle for Women's Equality and Rights The struggles of the Differently Abled
	Social Change and Development in India	Change and Development in Rural society	Agrarian Structure: Caste & class in Rural India Land Reforms, Green Revolution and Emerging Agrarian society Green revolution and its social consequences Transformation in Rural Society Circulation of labour Globalization, Liberalization and Rural Society

Syllabus



**DELHI PUBLIC SCHOOL
RUBY PARK, KOLKATA**

Contd....2

Sociology SESSION 2025- 26

August	Social Change and Development in India	Change and Development in Industrial society	From Planned Industrialization to Liberalization How people find Jobs Work Processes: How work is carried out, working conditions, home based work, Strikes and Unions
Block Test I			
September - October	Indian Society	The Challenges of Cultural Diversity	Cultural communities and the nation state Regionalism in the Indian context The Nation state and religion related issues and identities Communalism, secularism and the nation state State and Civil Society
November	Social Change and Development in India	Social Movements	Concept of Social Movements Theories and Classification of Social Movements Environmental Movements Class-Based Movements: Workers, Peasants Caste-Based Movements: Dalit Movement, Backward Class/Castes, Trends in Upper Caste Responses Tribal Movements Women's Movements in Independent India
	Pre Board Examination		
Pre Board Syllabus as prescribed by CBSE			

Syllabus



**DELHI PUBLIC SCHOOL
RUBY PARK, KOLKATA**

Physical Education SESSION 2025- 26

Month	Unit	Topic	Sub Topic
April	1	Management of Sporting Event	Function of Sports Events Management (Planning, Organising, Staffing, Directing & Controlling)
			Various Committees & their Responsibilities (Pre, During and Post)
			Fixture and its Procedures- Knock-Out (Bye & Seeding) & League (Staircase, Cyclic & tabular method) and Combination tournament
			Intramural & Extramural tournaments – Meaning, Objectives & Its Significance
			Community sports program (Sports Day, Health Run, Run for Fun, Run for Specific Cause & Run for Unity)
April	2	Children & Women in Sports	Exercise guidelines of WHO for different age groups.
			Common Postural Deformities - Knock Knee, Bow Legs, Flat Foot, Round Shoulders, Lordosis, Kyphosis and Scoliosis and their respective corrective measures.
			Women's participation in Sports – Physical, Psychological, and social benefits.
			Special consideration (Menarche & Menstrual Dysfunction)
			Female Athletes Triad (Osteoporosis, Amenorrhoea, Eating Disorders)
May	3	Yoga as Preventive measures for Lifestyle Disease	Obesity: Procedure, Benefits & Contraindications for Tadasana, Katichakrasana, Pavanmuktasana, Matsayasana, Halasana, Pachimottansana, Ardha – Matsyendrasana, Dhanurasana, Ushtrasana, Surya bhedana pranayama.
			Diabetes: Procedure, Benefits & Contraindications for Katichakrasana, Pavanmuktasana, Bhujangasana, Shalabhasana, Dhanurasana, Supta- vajrasana, Paschimottanasana, Ardha-Matsyendrasana, Mandukasana, Gomukasana, Yogmudra, Ushtrasana, Kapalabhati.
			Asthma: Procedure, Benefits & Contraindications for Tadasana, Urdhva hasthasana, Uttana Mandukasana, Bhujangasana, Dhanurasana, Ushtrasana, Vakrasana, Kapalabhati, Gomukhasana, Matsyasana, Anuloma- Viloma
			Hypertension: Procedure, Benefits & Contraindications for Tadasana, Katichakrasana, Uttanpadasana, Ardha Halasana, Sarala Matyasana, Gomukhasana, UttanMandukasana, Vakrasana, Bhujangasana, Makarasana, Shavasana, Nadi- shodhanapranayam, Sitlipranayam.
			Back Pain and Arthritis: Procedure, Benefits & Contraindications of Tadasana, Urdhava hastotanasana, Ardha-Chakrasana, Ushtrasana, Vakrasana, Sarala Matsyendrasana, Bhujangasana, Gomukhasana, Bhadrasana, Makarasana, Nadi-shodhana pranayama
May - June	4	Physical Education & Sports For Cwsn (Children With Special Needs - Divyang)	Paralympics; Deaflympics)
			Concept of Classification and Divisioning in Sports.
			Concept of Inclusion in sports, its need, and Implementation
			Advantages of Physical Activities for children with special needs
			Strategies to make Physical Activities assessable for children with special needs.

Syllabus


**DELHI PUBLIC SCHOOL
RUBY PARK, KOLKATA**

Contd....2

Physical Education SESSION 2025- 26

Unit Test 1			
July	5	Sports & Nutrition	Concept of balance diet and nutrition.
			Macro and Micro Nutrients;Food sources & functions.
			Nutritive & Non-Nutritive Components of Diet.
			Eating for Weight control – A Healthy Weight, The Pitfalls of Dieting, Food Intolerance, and Food Myths
			Importance of Diet in Sports-Pre, During and Post competition Requirements
July - August	6	Test & Measurement In Sports	Fitness Test- SAI Khelo India Fitness Test in school: Age group 5-8 yrs/class 1-3: BMI, Flamingo BalanceTest, Plate Tapping Test, Age group 9-18 yrs/class 4-12: BMI, 50mt Speed test, 600 mt Run/Walk, Sit & Reach flexibility test, Strength Test (Abdominal Partial Curl Up, Push-Ups for boys, Modified Push-Ups for girls).
			Measurement of Cardio- Vascular Fitness – Harvard Step Test – Duration of the Exercise in Seconds x100/5.5 X Pulse count of 1-1.5 Min after Exercise.
			Computing Basal Metabolic Rate (BMR)
			Rikli & Jones - Senior Citizen Fitness Test 1. Chair Stand Test for lower body strength 2. Arm Curl Test for upper body strength 3. Chair Sit & Reach Test for lower body flexibility 4. Back Scratch Test for upper body flexibility 5. Eight Foot Up & Go Test for agility 6. Six Minute Walk test for aerobic endurance
			Johnson- Methney test of motor educability(Front roll,Jumping half-turn, Jumping full turn.)
Block Test 1			
August	7	Physiology & Injuries in Sports	Physiological factor determining component of Physical Fitness
			Effect of exercise on Muscular System
			Effect of exercise on Cardio - Respiratory System
			Physiological changes due to aging
			Sports injuries: Classification(Soft Tissue Injuries: (Abrasion, Contusion, Laceration, Incision, Sprain & Strain) Bone & Joint Injuries: (Dislocation, Fractures: Green Stick, Comminuted, Transverse Oblique & Impacted).
September	8	Biomechanics & Sports	Newton's Law of Motion & its application in sports
			Types of Levers and their application in Sports.
			Equilibrium - Dynamic & Static and Centre of Gravity and its application in sports
			Friction & Sports
			Projectile in Sports.
October	9	Psychology & Sports	Personality; its definition & types (Jung Classification & Big Five Theory)
			Motivation, its type & techniques
			Exercise Adherence: Reasons, Benefits & Strategies for Enhancing it
			Meaning, Concept & Types of Aggressions in Sports
			Psychological Attributes in Sports - Self Esteem, Mental Imagery, Self Talk, Goal setting
October - November	10	Training In Sports	Concept of Talent Identification and Talent Development in Sports.
			Introduction to Sports Training cycle - Micro, Meso, Macro Cycle.
			Types and Method to Develop - Strength,Endurance,and Speed
			Type and Method to Develop - Flexibility and Coordinative Ability.
			Circuit Training - Introduction & its importance
November	Pre Board Examination		
Pre Board Syllabus as prescribed by CBSE			

Syllabus



**DELHI PUBLIC SCHOOL
RUBY PARK, KOLKATA**

Legal Studies SESSION 2025- 26

Month	Unit	Topic	Subtopic
April-May	1	Judiciary	Structure and Hierarchy of Courts and Legal Offices in India Constitution, Roles and Impartiality Appointments, Retirement and Removal of Judges Tribunals Courts and Judicial Review
	2	Alternative Dispute Resolution in India (ADR)	Adversarial and Inquisitorial Systems Meaning and scope of Alternative Dispute Resolution Arbitration, Mediation, Conciliation, Lok Adalats, Ombudsman, Lokpal and Lokayukta
	3	Topics of Law I (Business Law)	Law of Contracts, Law of Torts, Law of Property, Intellectual Property Law
UNIT TEST 1			
June	4	Topics in Law II (General laws)	Law and Sustainable Development, Forms of Legal Entities, Criminal Laws in India
July-August	5	Concept of Human Rights	Human Rights in India i. Constitutional framework and Related laws in India- Human Rights in India; Preamble, Fundamental Rights, Fundamental Duties, Directive Principles of State Policy , Fundamental Duties Human Rights Violations- Complaint Mechanism (Quasi- Judicial bodies)- Quasi-Judicial Bodies- NHRC- National Commission for Minorities, NCW, National Commission for
August	6	International Law	Introduction to International Law Historical Evolution of International Law- What is International Law? Sources of International Law International Human Rights International law & Municipal Law International Law & India Dispute Resolution – ICJ, ICC and Other Dispute Resolution Mechanisms
BLOCK TEST 1			
September	7	Legal Profession in India	The Advocates Act, 1961 Lawyers and Professional Ethics Advertising by Lawyers Opportunities for Law graduates Women and Legal Profession Liberalization and globalization of the Legal Profession Legal Education in India , USA and UK
October- November	8	Legal Services	Brief History of Legal Services, Free Legal Aid under Criminal law, Legal Aid by the State, Legal Aid under the Indian Constitution, NALSA Regulations, 2010, Legal Services Authority Act 1987, Legal Aid in the context of Social Justice and Human Rights
November	PRE BOARD EXAMINATION		
Pre Board Syllabus as prescribed by CBSE			

Syllabus


**DELHI PUBLIC SCHOOL
RUBY PARK, KOLKATA**

Informatics Technology

SESSION 2025- 26

Month	Topic	Sub Topic
April	Communication types	Verbal Communication
		and Non-verbal Communication
		Pronunciation Basics
		Saying No — Refusal Skills
		Writing Skills — Parts of Speech
		Writing Skills — Sentences
		Greetings and Introduction
May	Behavioral Skills & Self management skills	Talking about Self and family
		Grooming
		Personal Hygiene
		Team Work
		Networking Skills
		Self-motivation
		Goal Setting
Unit-Test-I		
June-July	Business Ethics	Introduction to Entrepreneurship
		Values,attitude and thinking of an Entrepreneur
		Coming Up with a Business Idea and understanding market
		Business Planning
	Coming up with Business Ideas	Time management
		Sectors of Green Economy
		Policies for a Green Economy
		Stakeholders in Green Economy
		Government and Private Agencies
Unit-test-II		
August	Introduction to DBMS	Characteristics of Database Management Systems ,Types of users of DBMS , Advantages of using DBMS Approach ,Limitations of using DBMS Approach
	SQL – Creating and Opening Database	CREATE, UPDATE, ALTER, SELECT AND AGGREGATE FUNCTIONS
	Creating and populating tables.	
	Modigying,Ordering and Grouping.	GROUP BY, ORDER BY AND JOINING
	Basics of RDBMS	Relational Model Constraint
	Operating with multiple tables.*	JOIN TABLE QUERIES

Syllabus


**DELHI PUBLIC SCHOOL
RUBY PARK, KOLKATA**

Informatics Technology

SESSION 2025- 26

Contd....2

August	Online Reservation Systems.	Advantages of Online Reservation System ,Precautions while Performing Online Transactions,Using Online Reservation Systems ,Case Study: Book Rail Ticket
	Online Shopping and Bill payments. Online Tutorials and Tests	E-Governance Sites,Benefits of Online Shopping and How it works
	Project Management – Web Based Application development.	Project Essentials and Tip
Block-Test-I		
October	Java loop elements	Repetition Structures ,The While Statement,The Do While Statement,the for Statement
	JavaArrays	Programs of arrays
	Java class design and thread design	Constructors ,Access Modifiers ,Getter and Setter Methods. Using constructors
November	Java Exception Handling	Using try ,catch and finally
	String handling and user defined methods	Programs using the same concepts,string functions
	Assertions and wrapper classes	Creating assertions in expressions
	Identification of Work Areas and work experience	PROJECT WORK
	Pre Board Examination	
Pre Board Syllabus as prescribed by CBSE		

Syllabus


**DELHI PUBLIC SCHOOL
RUBY PARK, KOLKATA**

Painting SESSION 2025- 26

Month	Unit	Topic	Sub Topic
April- May	1	Rajput School	Ragasthani School Of Painting: Intro, Main features
			Maru Ragini- Mewar School
			Chaugan Players- Jodhpur School
			Krishna On Swing- Bikaner School
			Radha (Bani Thani)- Kishangarh
			Bharat Meet Rama At Chitrakoot- Jaipur
	1	Pahari School & Mughal School	Pahari School- Intro, Main Features
			Krishna With Gopies- Basohli School
			Krishna with Kinsmen Going to Vrindavana
			Mughal School- Intro, Main Features
Krishna Lifting Mount Govardhana- Miskin			
Unit Test I			
May	2	Mughal School	Falcon On A Bird Rest- Ustad Mansoor
			Kabir & Raidas- Faquirullah Khan
			Marriage Procession Of Dara Shukoh- Haji Madni
June	2	Deccan School	The Deccan School- Intro
			Hazrat Nizamuddin Auliya & Amir Khuhusro
			Chand Bibi Playing Polo
			National Flag Of India & Symbolic Significance
July	2	Bengal School	Bengal School- Intro, Features
			Journey's End- Abanindranatha Thakur
			Shiva & Sati- Nandalal Bose
July	3	Bengal School	Radhika- Chughtai
August	3	Modern trends (Painting)	Meghdoot- Ram Gopal Vijaivargiya
			Contribution Of Indian Artist, Freedom movement
			Rama Vanquishing The Pride Of Ocean- Ravi Verma
			Mother & Child- Jamini Roy
			Haldi Grinders- Amrita Sher Gill
			Mother Teresa- Hussain
Block Test I			
September	3	Modern trends (Painting & Graphics)	Children- Somnath Hore
			Devi- Jyoti Bhatt
			Of Walls- Anupam Sud
			Man, Woman & Tree- Laxma Goud
October	3	Modern trends (Graphics & Sculpture)	Triumph Of Labour- D.P Roy Chowdhury
			Santhal Family- Ramkinkar Vajj
November	3	Modern trends (Graphics & Sculpture)	Cries Un- Heard- Amar Nath Sehgal
			Ganesh- P.V. Janaki Ram
			Pre Board Examination
Pre Board Syllabus as prescribed by CBSE			

Syllabus


**DELHI PUBLIC SCHOOL
RUBY PARK, KOLKATA**

Hindustani Music Vocal

SESSION 2025- 26

Month	Unit	Topic	Sub Topic
April	1	Raag- Bhairav	Vilambit & Drut Khayal, Alap- Taan.
		Notation Writing	Writing in notation the composition.
May	2	Theory: Alankar, Kan, Meend,Khatka, Murkee, Gamak.	Brief of the following Alankar, Kan, Meend, Khatka, Murkee, Gamak.
Unit Test I			
June	3	Raag - Bageshri	Vilambit and Drut Khayal, Alap- Taan. Writing in notation and Tarana
		Notation Writing and Tarana	
July	Theory: Gram, Murchana,Aalap, Taan.		
Block Test 1			
August	4	Raag - Malkauns and Dhamar.	Writing in notation the composition.
September	5	Taal - Jhaptal, Rupak, Dhamar, Historical development of Time Theory of Ragas.	Description of Taals along with Taal Notation and Time theory in Raga has involved in hindustani classical music.
October	6	Sangeet Ratnakar, Sangeet Parijat, Faiyaz Khan, Bade Gulam Ali Khan	
November	7	Krishna Rao, Shankar Pandit, Tuning of Tanpura	Life Sketch and Contribution in Hindustani music.
	8	Recognition of Ragas, Revision, Practical File.	
Pre Board Examination			
Pre Board Syllabus as prescribed by CBSE			

Syllabus


**DELHI PUBLIC SCHOOL
RUBY PARK, KOLKATA**

Dance (Bharatnatyam)

SESSION 2025- 26

Month	Unit	Topic	Sub Topic
April	1	Acquaintance with Life history of chief exponents	Rukmini Devi Arundale, Bala Saraswati, Meenakshi Sundaram Pillai, Tanjore Quartet
		Practical	Revision of all the Adavus
May	2	Acquaintance with the contents of Abhinaya Darpana	The chapters and aspects of dance dealt with them
		Practical	Revision of Adavus and Alaripu
Unit Test - I			
June	3	(i) Nritta, Nritya, Natya (ii) Tandava and Lasya	(i) Sanskrit slokas from the Abhinaya Darpana and basic defination (ii) 7 Tandavas with detailed stories and Loka dharmi and Natya dharmi Lasya (Definations with examples)
		Practical	Jatiswaram in RupakaTaal
July	4	Sthana, Chari, Mandala , Bharmari, Utplavana	Slokas and meaning from Abhinaya Darpana
		Practical	Jatiswaram in Rupaka Taal
Block Test - I			
August	5	Abhinaya (Angika, Vachika, Satvika Aharya shlokas)	Slokas and meaning from Abhinaya Darpana along with their meaning
		Practical	Hasta Viniyoga of 14 Asamyukta and 12 Samyukta hasta and Deva Hastas from Abhinaya Darpana Padam /Keertanam on Shiva /Krishna / Vinayak / Rama
September	6	Sangeeta, Tala, Laya	Defination of the term, Seven Talams and Three Layams
		Practical	Padam /Keertanam on Shiva /Krishna / Vinayaka / Rama
October	7	Rasas	Names of the 9 Rasas and their English meanings
	8	Knowledge of the technical terminology of the particular dance form	Defination of aramandi, muzhumandi, Kottayam, Korvai etc.
		Practical	Tillana in Adi Taalam and Knowledge of Pada bhedas, Mandalas, Bhramaris and Utplavanas

Syllabus



**DELHI PUBLIC SCHOOL
RUBY PARK, KOLKATA**

Dance (Bharatnatyam)

SESSION 2025- 26

Contd....2

November	9	Acquaintance with the traditional costumes	Costumes and makeup of the Dance styleoped
		Practical	Tillana in Adi Taalam and Basic knowledge of Carnatic music format of the raga system and 72 melakarta ragams and the music of the items learnt.
November	PRE BOARD EXAMINATION		
Pre Board Syllabus as prescribed by CBSE			