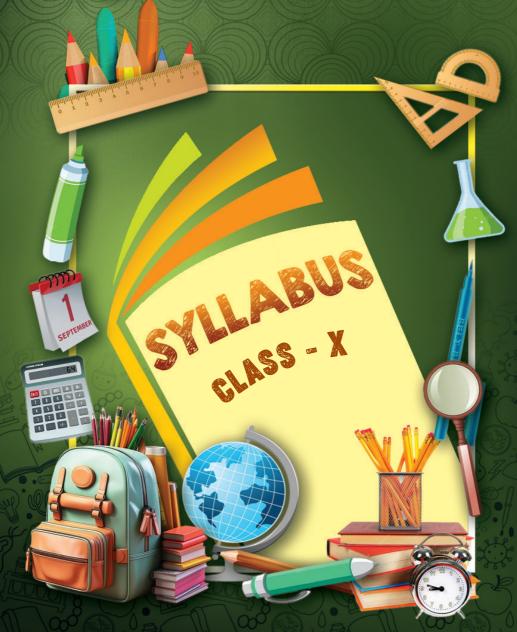


# DELHI PUBLIC SCHOOL RUBY PARK, KOLKATA



#### **DELHI PUBLIC SCHOOL** Ruby Park, Kolkata

CBSE

# English Session: 2024-25

Education	Literaturereader	Writing	Grammar	Main Course			
	Two Gentlemen of Verona	Email	Tenses	Healthand			
April	Mrs. Packletide's Tiger			Medicine			
Aprii	He Frogand The Nightingale						
	The Letter						
May-June		PT - 1Examination					
May	Not Marblen or The Gilded Monuments	Formal Letter	Modals	Education			
,	Ashadyplot						
June	A Shady Plot Continued Formal Letter Subject Verb Conymandias Continued Concord			Science			
July	Potolbabu, Filmstar The Dear Departed	Factuald Escription	Reported Speech	Environment			
	Virtually True	Reported					
August	The Rime of The Ancient Mariner	Magazine Article	Speech Continued	Travel & Tourism			
	Revisionforpt - 2 Examination						
September		PT - 2Examination					
September	The Rime of The Ancient Magazine Article Mariner Continued		Clauses	National Integration			
	Snake						
October	Julius Caesar	Revision	Determiners	Revision			
November	PT - 3Examination						
November	Julius Caesar Continued	Revision	Revision	Revision			
	Board Syllabus Completion						
December	Preboard						
December		Revision					
January		Practicetest					

#### **Physics** Session: 2024-25

8.0 4l-	Hait Tania Cub Tania			Post disele
Month	Unit	Topic	Sub-Topic	Practicals
			Reflection of Light At Curved Surface; Terms Related Tospherical Mirrors; Images Formed By Spherical Mirrors	
April	April 1	Light	Mirror Formula (Derivation Not Required); Magnification; Numerical Based on The Above Topics; Application of Mirrors.laws of Refraction; Refractive Index	To determine the focall ength of a concavemirror, Byobtaining The Image of A Distant Object;
			Applications of Refraction; Refraction of Light By Spherical Lenses; Lens formula (Derivation not required); Magnification;	To determine the fo callength of a convexlens,By obtaining the Image Of A Distant Object.
May-June			Periodic Test - I	
May	1	Light	Power of alens; Numerical of lens formula and magnification; Application of Lenses.	To trace the pathofaray of light through are ctangular glass slab for Different Angles of Incidences; Measure The Angle of incidence, Angle of refraction, Angle of emergence and Interpret the results;
June	2	Human Eye And	Structure of human eye; Function in go flensin human eye; Defects of Vision And Remedies.	
July	2	colourful World	Dispersion of light by glass prism; Rainbow formation; Atmospheric Refraction, Twinkling of Stars.	To trace the path of a light ray through a glass prism
July	2	Human Eye and colourful world	Tyndall effect; Application of scattering (excludingcolour of the sun at sunrise and sunset)	

**Physics** Session: 2024-25

Contd. 2

	Conta.					
Month	Unit	Topic	Sub-Topic	Practicals		
August	3	Electricity	Electric current & circuit; Potential, Potential difference, Ohm's law; Resistance, factors on which resistance depends;	To study the dependence of Potential difference (V) across are sistor on the current (I) passing through it and determine its resistance. Also plot a graph between V & I.		
			Periodic Test - II			
September	3	Electricity	Series and Parallel combination of resistors; Numericals based on resistors and combination of resistors. Heating effect of electric current; Electric power; Inter- relation between P, V, land R. Numericals based on the topic.	To determine thee quivalent resistance of two resistors when connected in series;  Determine the equivalent resistance of two resistors when connected in parallel.		
October	4	Magnetic Effects of Electric Current	Magnetic field lines; Oersted's experiment. Magnetic field due to current carrying wire, Coil and Solenoid; Force on current carrying conductor.			
			Periodic Test - III			
November	4	Magnetic Effects of Electric Current	Fleming's Left handrule; Alternating Current ,Direct Current Domestic wiring system, Importance of fuse, Earthing, Overload, Short -circuit			
December	Pre - Board					
January			Practice Test			

<sup>\*</sup>Syllabus as prescribed by CBSE.

## **Chemistry** Session: 2024-25

Month	Unit	Topic	Subtopic	Practical Experiment
April	1	Chemical Reactions and Equations	Chemical reaction - definition, characteristics of chemical reaction with examples.  Writing a chemical equation, skeletal equation, balanced chemical equations.  Types of chemical reactions - combination, exothermic and endothermic reactions, de composition, displacement, double displacement, oxidation	To perform and observe different types of chemical reactions.
			and reduction. Corrosion, rancidity.	
		ļ.	Periodic Test - 1	
May	2	Acids, Bases and Salts	Introduction to acids, bases, indicators. Understanding the chemical properties of acids and bases.	
June	2	Acids, Bases and Salts	Understanding the chemical properties of acids and bases (continued).  What do all acids and all bases have in common? Dilution of acids and bases. Strength of acids and basic solutions.	To study the properties of acids and bases.
July	2	Acids, Bases and Salts	Importance of pH in everyday life.  Salts - family of salts, pH of salts, chemicals from common salt, chlor-alkali process, bleaching powder, baking soda, washing soda, water of crystallization in salts, Plaster of Paris.	To find the pH of sample solutions by using pH paper/universal indicator.
July	3	Metals and Non-metals	Introduction, physical properties of metals and non-metals. Chemical properties of metals (reactions), the Reactivity series.	To study the reactivity of metals using the metal sand their salt solutions.

**Chemistry** Session: 2024-25

Contd. 2

Month	Unit	Topic	Subtopic	Practical Experiment	
	3	Metals and Non-metals	Occurrence of metals, extraction of metals, refining of metals.  Corrosion of metal sand its prevention, alloys.		
August	4	Carbon and its Compounds	Importance of carbon, catenation, bonding in carbon - the covalent bond, versatile nature of carbon. Saturated and unsaturated carbon compounds.		
September	4	Carbon and its Compounds	Saturated and unsaturated carbon compounds (continued), chains, branches and rings present in carbon compounds.  Homologous series, functional groups.		
October	4	Carbon and its Compounds	Hydrocarbons, isomerism. No men cloture of carbon compounds. Chemical properties of carbon compound (reactions).		
			Periodic Test - 3		
November	4	Carbon and its Compounds	Some important carbon compounds-Ethanol and Ethanoic acid. Soaps and detergents.	To study the properties of acetic acid.  To study the comparative cleaning capacity of a sample of Soap in soft and hard water.	
	Revision				
December	Pre Board Examination*				
January	Practice Test*				

<sup>\*</sup>Entire Syllabus as prescribed by CBSE

### **Biology** Session: 2024-25

Month	Topic	Subtopic	
April	Life Processes	What are Life Processes Autotrophic Nutrition Heterotrophic Nutrition Practical- To prepare a temporary mount of a leaf peel to show stomata	
May - June		PT - 1 Examination	
May	Life Processes	Respiration	
June	Life Processes	Transportation Excretion	
July	Control & Coordination	Animals- Nervous System Coordination in plants Hormones in animals Practical- To show experimentally that CO2 is given out during respiration (animals&plants)	
August	How do Organisms Reproduce	Do organisms create exact copies of themselves?  Modes of Reproduction used by unicellular Organisms  Practical- Studying Budding in Yeast and Binary Fission in  Amoeba from prepared slides	
	Revision for PT - 2 Examination		
	PT - 2 Examination		
September	How do Organisms Reproduce	Sexual Reproduction in Plants and Human Beings Reproductive health Practical- To identify the different parts of an embryo of a dicot seed.	
September	Heredity	Accumulation of Variation during reproduction Heredity - Monohybrid and Dihybrid Crosses Sex Determination	
October	Our Environment	Ecosystem- What are its components  How do our activities affect the environment	
November		PT - 3 Examination	
November	Во	ard Syllabus Completion and Revision	
December	Pre Board		
December	Revision		
January	Practice Test		

#### Mathematics Session: 2024-25

8.0 41-	T!-	Cult. Taulia			
Month	Topic Deal Numbers	Sub - Topic			
	Real Numbers	Fundamental Theorem of Arithmetic, Proof of irrationality			
	Polynomials	Zeroes of a Polynomial, Relationship between Zeroes and			
April	,	coefficients of quadratic polynomial			
	Trigonometry	Introduction to Trigonometry, Trigonometric Ratios, Some			
	3 7	Specific Angles Trigonometrical Identities.			
May - June		PT - 1 Examination			
May	Heights and	Concept of Angle of Elevation, Angle of Depression, Heights			
	Distances	and Distances.			
		Standard form of quadratic equation. Solution of a quadratic			
		Equations (only real roots) by Factorisation and by using			
June	Quadratic Equation	quadratic formula. Relationship between discriminant and			
		nature of roots. Situational problems based on quadratic			
		equations related to day to day activities to be incorporated.			
July	Circles	Theorems based on Tangent properties of a circle.			
July	Triangles	Similar Figures, Similarity of Triangles and its criteria			
	Pair Of Linear	Graphical Method, Solution of a pair of Linear equations,			
	Equation In Two	consistency/ inconsistency. Algebraic Methods (Substitution			
August	Variables	Method, Elimination Method) Simple situational problems.			
	Statistics	Calculation of Mean, Median and Mode for grouped			
	Statistics	frequency distribution			
	Revision for PT - 2 Examination				
		PT - 2 Examination			
	Arithmetic	Identification of a series as AP., nth term of an AP., Sum of first			
September	Progression	'n' terms of an AP and their application in solving daily life			
September	Piogression	problem.			
	Coordinate	Concepts of coordinate geometry, graphs of linear equations,			
	Geometry	Distance Formula, Section Formula (internal division)			
	Probability	Probability – A theoretical Approach			
		Area of sectors and segments of a circle. Problem based on			
October	Area Related to	areas and perimeter / circumference of the above said plane			
	Circles	figures (in calculating area of a segment of a circle, problem			
		should be restricted to central angle of 60 , 90 and 120 )			
		PT - 3 Examination			
November	Surface Area &	Surface area and volumes of combination of figures – cube,			
	Volumes	cuboid, right circular cylinder, cones, sphere and hemisphere			
		Pre Board			
December	Revision				
January		Practice Test			
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#### **DELHI PUBLIC SCHOOL** Ruby Park, Kolkata

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### **History & Political Science** Session: 2024-25

Month	Unit	Topics	Sub-Topics Sub-Topics		
	1	Power Sharing	Case Studies of Belgium and SriLanka Why Power Sharing is Desirable? Forms of Power Sharing		
April	2	Federalism	What is Federalism? What makes India a Federal Country? How is Federalism practiced? Decentralisation in India		
	3	Nationalism in Europe	The French Revolution and the Idea of Nation The Making of National is min Europe The Age of Revolutions: 1830-1848		
		Periodictest	1 (May - June)		
May	3	Nationalism in Europe	The Making of Germany and Italy Visualising the Nation Nationalism and Imperialism		
May	4	Nationalism in India	The First World War, Khilaf at and Non Cooperation Differing Strands with in the Movement		
June		Nationalism in India	Towards Civil Disobedience The Sense of Collective Belonging		
July	5	Political Parties	Why do we need Political Parties? How many Parties should we have? National Political Parties State Parties Challenges to Political Parties How can Parties be reformed?		
July	6	Gender, Religion & Caste	Gender and Politics Religion, Communalism and Politics Caste and Politics		
August	7	Print Culture and the Modern World	The first Printed Books Print Comes to Europe The Print Revolution and its Impact The Reading Mania The Nineteenth Century		
		Revis	ion for Periodic Test 2		
September			Periodic Test 2		
September	7	Print Culture and the Modern World	India and the World of Print Religious Reforms and Public Debates New Forms of Publication Print and Censorship		

#### **DELHI PUBLIC SCHOOL** Ruby Park, Kolkata

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# **History & Political Science** Session: 2024-25

Contd. 2

Month	Unit	Topics	Sub-Topics			
October	8	The Age of Industrialisation	Before the Industrial Revolution Hand Labour and Steam Power Industrialisation in the Colonies Factories Come Up The Peculiarities of Industrial Growth Market for Goods			
October	9	Out comes of Democracy	How do we assess democracy's out come? Accountable, responsive and legitimate government Economic Growth and Development Reduction of Inequality and Poverty Accommodation of social diversity Dignity and freedom of the citizens			
November			Periodic Test 3			
November	10	The Making of a Global World	The Pre Modern World (Rest of the chapter to be assessed through an Integrated project)			
December	Pre - Board Examination, Revision					
January	Practice Test					

Syllabus for Final Examination: Entire syllabus as prescribed by CBSE.

#### **Economics** Session: 2024-25

Month	Unit	Topics	Sub Topics
April	1	Development	<ul> <li>What Development Promises - Different People Different Goals</li> <li>Income And Other Goals</li> <li>National Development</li> <li>How To Compare Different Countries Or States?</li> </ul>
		PT 1 Exa	mination
May	1	Development	<ul><li>Income And Other Criteria</li><li>Public Facilities</li><li>Sustainability Of Development</li></ul>
June	2	Sectors Of Indian Economy	<ul> <li>Sectors Of Economic Activities</li> <li>Comparing The Three Sectors</li> <li>Primary, Secondary And Tertiary Sectors In India</li> </ul>
July	2	Sectors Of Indian Economy (Contd.)	<ul> <li>Division Of Sectors As Organized And Unorganized.</li> <li>Sectors In Terms Of Ownership: Public And Private Sectors</li> </ul>
August	3	Money And Credit	<ul> <li>Money As A Medium Of Exchange</li> <li>Modern Forms Of Money.</li> <li>Loan Activities Of Banks.</li> <li>Two Different Credit Situations.</li> <li>Terms Of Credit.</li> </ul>
		PT 2 Exa	mination
	3	Money And Credit	<ul><li>Formal sector credit in India</li><li>Self Help Groups for the Poor</li></ul>
September	4	CONSUMER RIGHTS Note: The Chapter 'Consumer Rights' tobe done as Project Work.	Gets Familiarized With The Rights And Duties As A Consumer; And Legal Measures Available To Protect From Being Exploited In Markets. Every Student Has To Compulsorily Undertake The Project On Consumer Rights/ Awareness
October	5	Globalisation and The Indian Economy	<ul> <li>What Is Globalization?</li> <li>Factors That Have Enabled Globalisation.</li> <li>To Be Evaluated In The Board Examination</li> </ul>

#### **DELHI PUBLIC SCHOOL** Ruby Park, Kolkata

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### **Economics** Session: 2024-25

Contd. 2

Month	Unit	Topics	Sub Topics			
		PT 3 Exa	mination			
November	5	Globalisation and The Indian Economy	For Inter - Disciplinary Project Production Across The Countries Chinese Toys In India World Trade Organisation The Struggle For A Fair Globalisation			
	Revision					
December	Pre - Board					
January		Practice Test				

Syllabus for Pre-Board Examination is as prescribed by CBSE Board

## **Geography** Session: 2024-25

Month	Unit	Topics / Chapters	Sub Topics
April	1	Resource and Developme Nt	<ul> <li>Concept</li> <li>Development of Resources</li> <li>Resource Planning Resource Planning in India, Conservation of Resources</li> <li>Land Resources</li> <li>Land Utilization</li> <li>Land Use Pattern in India</li> <li>Land Degradation and Conservation Measures</li> <li>Soil as A Resource - Classification Of Soils</li> <li>Soil Erosion and Soil Conservation</li> </ul>
		PT 1 I	Examination
May	2	Forest Resources	Conservation of forest and wildlife in India
	2	Forest Resources	Types and Distribution of Forests Andwildlife     Resources     Community and Conservation
June	3	Water Resources	Water Scarcity and The Need For Waterconservation and Management     Multi-Purpose River Projects and Integratedwater Resources Management     Rainwater Harvesting
	4	Agriculture	Types of Farming - Primitive Subsistence, Intensive Subsistence, Commercial Cropping Pattern - Major Crops, Food Cropsother Than Grains, Non-Food Crops Technological and Institutional Reforms
July	5	Mineral Sand Energy Resources	<ul> <li>What is A Mineral?</li> <li>Mode of Occurrence of Minerals-Where Arethese Minerals Found?</li> <li>Ferrous Minerals, Non-Ferrous Minerals, Non-Metallic Minerals, Rock Minerals</li> <li>Conservation of Minerals</li> <li>Energy Resources – Conventional Sources Ofenergy, Non-Conventional Sources of Energy</li> <li>Conservation of Energy Resources</li> </ul>
August	6	Manufacturing Industries	Importance Of Manufacturing - Industrial Location     Classification Of Industries.

#### **Geography** Session: 2024-25

Contd. 2

Month	Unit	Topics / Chapters	Sub Topics
	PT 2 Examination		
September & October	6	Manufacturing Industries	<ul> <li>Industrial Pollution And Environmental Degradation</li> <li>Control of Environmental Degradation</li> </ul>
PT 3 Examination			
November	7	Lifelines of National Economy	<ul> <li>Only Map Pointing To Be Evaluated In Board Examination</li> <li>Inter Disciplinary Project (Internal Assessment)</li> </ul>
Revision			
December	Pre - Board		
January	Practice Test		

Syllabus for Pre-Board Examination is as prescribed by CBSE Board

### Computer Science Session: 2024-25

Month	Chapter	Sub-Topic
April	<ol> <li>Introduction to the Internet</li> <li>Introduction to HTML</li> <li>Setting the Page Appearance</li> </ol>	<ul> <li>Basics of the Internet</li> <li>Internet Terminologies</li> <li>Internet Services</li> <li>Identifying the Fundamentals of HTML</li> <li>Creating a Web Page</li> <li>Setting the Page Properties</li> <li>Organizing Text on a Web Page</li> </ul>
May - June	Per	riodic Test - 1
Мау	<ul><li>4. Formatting Text</li><li>5. Creating Lists</li></ul>	<ul> <li>Inserting Paragraphs</li> <li>Changing Fonts</li> <li>Emphasizing/ Applying Text</li> <li>Creating an Unordered List</li> <li>Creating an Ordered List</li> <li>Creating a Nested List</li> <li>Creating a Definition</li> </ul>
June	6. Navigating through Web Pages	<ul><li>Linking Web Pages</li><li>Linking Sections of Web Page</li></ul>
July	<ul><li>7. Adding Images and Tables</li><li>8. Creating a Form</li><li>9. Cascading Style Sheets</li></ul>	<ul> <li>Adding Images in a Web Page</li> <li>Making Images as Hyperlinks</li> <li>Adding Tables in a Web Page</li> <li>Merging Table Cells</li> <li>Enhancing the Appearance</li> <li>Creating the Structure of a Form</li> <li>Adding Data Input Elements</li> <li>Adding Data Selection Elements</li> <li>Adding Buttons</li> <li>Cascading Style Sheets and its Types</li> <li>CSS Style rule – Color and Background Properties</li> </ul>
August	10. Cyber Ethics	Software licenses and open source software movement     Intellectual Property Rights
August - September	Periodic Test - 2	

### Computer Science Session: 2024-25

Contd. 2

Month	Chapter	Sub-Topic	
September	11. Fun with Scratch 12. Introduction to Python (Special coverage Python Module-1)	<ul> <li>Basics of Scratch</li> <li>Understanding Control Blocks</li> <li>Creating Games, Animated Images, Stories and Songs</li> <li>Data types in Python</li> <li>Using Variables in Python</li> <li>Lists in Python</li> </ul>	
October	Strings in Python (Special coverage Python Module-2)	<ul><li>Working with Strings</li><li>Converting a String</li></ul>	
November	<ul><li>Programming with Python (Python Module-2)</li><li>Revision</li></ul>	<ul><li>Python data types and variables</li><li>Conditionals; if, if-else Statement</li></ul>	
November	Per	riodic Test - 3	
December	Continuation Programming with Python	<ul><li>Nested conditional Constructs</li><li>Loops in Python</li></ul>	
January	Special Coverage- Artificial Intelligence - UNIT - 1   EXCITE Special Coverage- Artificial Intelligence - UNIT - 2   RELATE	<ul> <li>To know about the term Artificial Intelligence (AI)</li> <li>To identify and appreciate Artificial Intelligence (AI),</li> <li>To describe its applications in life.</li> <li>Relate, apply and reflect on the Human-Machine Interactions through AI Games.</li> <li>To identify and interact with the three domains of AI: Data, Computer Vision and Natural Language Processing.</li> <li>Learners to relate to application of Artificial Intelligence in their daily lives.</li> <li>To unleash their imagination towards smart homes and build an interactive story around it.</li> </ul>	
February	Revision for Annual Examination		
Tebluary	Annual Examination		

#### **DELHI PUBLIC SCHOOL** Ruby Park, Kolkata

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# Artificial Intelligence Session: 2024-25

Month	Chapter	Core Concepts
		Session: What is Intelligence?
		❖ Role of Intelligence in Our Lives
		<ul> <li>Types of Intelligence</li> </ul>
	Foundational concepts	❖ What is Decision-Making
	of AI	<ul> <li>Role of Intelligence in Decision-Making</li> </ul>
		♦ What Al is
		♦ What AI is NOT
April		<ul> <li>How Machines become Intelligent</li> </ul>
		Session: Introduction to AI and related
		terminologies
	Basics of Al: Let's Get	Al Technologies
	Started	◆ Domains of Al     □ Domains of Al
		* Real Life AI Applications
		Ethical Issues Around AI
May lung		Al bias and Al Access  PT 1 Fyomination
May - June	PT 1 Examination  Session: Introduction to AI Project Cycle	
		Stages of Al Project Cycle
		<ul> <li>Choosing a Theme and Topic of Al Project</li> </ul>
	Al Project Cycle:	★ Identify the Problems and Around the Selected
	Introduction Problem Scoping Data Acquisition Data Exploration	Topics
		<ul> <li>Define problem statement and set actions</li> </ul>
		❖ Significance of Data
		<ul> <li>Types of Data used in AI Projects</li> </ul>
May		<ul> <li>Data Acquisition</li> </ul>
		<ul> <li>Ways to Visualise Data</li> </ul>
		<ul> <li>Categories of Al Models</li> </ul>
	Al Project Cycle: Modelling Evaluation	<ul> <li>Supervised Learning</li> </ul>
		<ul> <li>Unsupervied Learning</li> </ul>
		Semi-Supervised Learning
	,	Reinforcement Learning
		❖ Artificial Neural Network (ANN)
		♦ Model Evaluation Metrics

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# Artificial Intelligence Session: 2024-25

	Contd.	
Month	Chapter	Core Concepts
	NATURAL LANGUAGE PROCESSING: Introduction Chatbots	Session: Introduction to Natural Language Processing  What is NLP?  NLP Applications  Al Poject Cycles for an NLP Application  Understanding Chatbots
June	NATURAL LANGUAGE PROCESSING: Language Differences Concepts of NLP	Human Language vs. Computer     Language     Concepts of NLP     Bag of Words (BoW)  Hands - On     TFIDF (Optional)     NLTK
July	Evaluation	Session: Introduction to Model Evaluation  Evaluating an Al Model  Confusion Matrix Accuracy Precision Recall F1 Score
August	ADVANCE PYTHON (To be assessed through Practicals)	Session: Advance Python  * Jupyter Notes & other Python Development Platforms  * Working in Python  * Tokens - Smallest Individual Units  * Barebones of a Python Program  * Variables & Assignments  * Data Types  * Getting User Input in Python  * Operators  * The if Statement  * The if-else statament  * The range() Functions and Operators in, not in  * The for Loop  * The while Loop
	Self-Management Skills-II	Stress     Work Independently     Types of Operating Systems
	ICT Skills - II	Menu, Icons, and Taskbar on the Desktop

# Artificial Intelligence Session: 2024-25

		Conta. 3	
Month	Chapter	Core Concepts	
August		<ul> <li>Creating and Managing Files and Folders</li> <li>Cleaning External Components</li> <li>Scanning and Cleaning Viruses</li> <li>Firewall and Cookies</li> </ul>	
	Entrepreneurial Skills - II	Entrepreneurship and Society	
		evision For PT - 2 Examination	
	N.	PT - 2 Examination	
		Session: Introduction to Data Science	
	DATA SCIENCE	What is Data Science?	
	(To be assessed through	❖ Application of Data Science	
	Practicals)	Data Science with Al Project Cycle	
September	INTRODUCTION	❖ Data Collection	
'	DATA SCIENCE	→ NumPy	
	(To be assessed through	❖ Pandas	
	Practicals)	* Matplotlib	
	PYTHON FOR DATA	Basic Statistics	
	SCIENCE	<ul> <li>K-nearest Neighbour Model (Optional)</li> </ul>	
		❖ Body language	
		❖ Communication Cycle	
	Communication Skills - II	Barriers to Effective Communication	
		<ul> <li>Principles of Effective Communication</li> </ul>	
October		<ul> <li>Parts of a Sentence and Speech</li> </ul>	
		* Articles & Phrases	
	Green Skills - II	Sustainable Development	
		PT - 3 Examination	
		Session: Introduction to Computer Vision	
		❖ What is CV?	
November		<ul> <li>Application of CV</li> </ul>	
	COMPUTER VISION	❖ Concepts of CV	
		❖ Python OpenCV	
		<ul> <li>Convolution Operator</li> </ul>	
		Introduction to CNN	
		Hands - On	
		Image Processing Using OpenCV	
December		Pre Board	
		Revision	
January	Practice Test		

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### Hindi 2<sup>nd</sup> Language Session: 2024-25

MONTH	LANGUAGE	LITERATURE	
APRIL	अपठित गद्यांश, अनुच्छेद लेखन समास, वाक्य रूपांतरण मुहावरे	बड़े भाई साहब साखी-कबीर	
MAY - JUNE	PT-1 EX	XAMINATION	
MAY		पद-मीरा	
JUNE	पदबंध, सूचना लेखन	तताँरा-वामीरो कथा, अब कहाँ दूसरे के दुःख से दुखी होने वाले, पर्वत प्रदेश में पावस	
JULY	औपचारिक पत्र, लघु कथा	पतझड़ में टूटी पत्तियाँ, मनुष्यता कर चले हम फ़िदा, हरिहर काका	
AUGUST	विज्ञापन लेखन ई मेल	कारतूस, सपनों के से दिन तोप	
	REVISION FOR PT-2 EXAMINATION		
SEPTEMBER	PT-2 EX	XAMINATION	
SEPTEMBER	लघु कथा लेखन, पदबंध, मुहावरे, समास (पुनरावृत्ति)	टोपी शुक्ला, डायरी का एक पन्ना	
OCTOBER	सूचना लेखन, विज्ञापन लेखन वाक्य-रूपांतरण (पुनरावृत्ति)	तीसरी कसम के शिल्पकार शैलेन्द्र,आत्मत्राण	
NOVEMBER	PT-3 EXAMINATION		
NOVEMBER	Board Syllabus completion		
DECEMBER	PRE BOARD		
DECEMBER	REVISION		
JANUARY	PRACTICE TEST		

### Bengali 2<sup>nd</sup> Language Session: 2024-25

MONTH			
APRIL	বোধ পরীক্ষণ, ব্যঞ্জনসন্ধি	জ্ঞানচক্ষু (গদ্য), তিন পাহাড়ের কোলে (কবিতা)	
MAY - JUNE	PT-1 EXAMINATION		
MAY	নির্মিতি - অনুচ্ছেদ	গল্পগুচ্ছ - পোস্টমাস্টার	
JUNE	নির্মিতি - সম্পাদকীয় পত্র, বিসর্গ সন্ধি	আয় আরো বেঁধে বেঁধে থাকি (কবিতা), গল্পগুচ্ছ - পোস্টমাস্টার	
JULY	বাক্য পরিবর্তন- সরল, জটিল, যৌগিক বাক্য	আলো বাবু (গদ্য) ,একাকারে (কবিতা) গল্পগুচ্ছ - কাবুলিওয়ালা	
AUGUST		Syllabus Continuation	
	REVISI	ON FOR PT-2 EXAMINATION	
SEPTEMBER	PT-2 EXAMINATION		
SEPTEMBER	সমাস - দ্বন্দ্ব, কর্মধারয়, অব্যয়ীভাব	অদল বদল (গদ্য) , গল্পগুচ্ছ - দান প্রতিদান	
OCTOBER	সাধু- চলিত ভাষা, অনুচ্ছেদ,	বহুরূপী (গদ্য), অস্ত্রের বিরুদ্ধে গান (কবিতা) গল্পগুচ্ছ - দান প্রতিদান	
NOVEMBER	PT-3 EXAMINATION		
NOVEMBER	Board Syllabus completion		
DECEMBER	PRE BOARD		
DECEMBER	REVISION		
JANUARY	PRACTICE TEST		

#### **DELHI PUBLIC SCHOOL** Ruby Park, Kolkata

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## Sanskrit 2<sup>nd</sup> Language Session: 2024-25

MONTH	LANGUAGE	LITERATURE	
APRIL	समयलेखनम्,अपठितगद्यांशः,	वाङ्मयं तपः ,	
	संधिः,चित्रवर्णनम्,समासाः,प्रत्ययाः	नास्ति त्यागसमम् सुखम्	
MAY - JUNE	PT -1 EXAMIN	NATION	
MAY	संवादलेखनम्, अव्ययपदानि	रमणीया हि सृष्टिः एषा,	
JUNE	अठितगद्यांशः ,चित्रवर्णनम्	आज्ञा गुरूणाम् हि अविचारणीया	
JULY	पत्रलेखनम्, वाच्यपरिवर्तनम्	अभ्यासवशगं मनः,	
		राष्ट्रं संरक्ष्यमेव हि	
AUGUST	संधि, संवादलेखनम्, चित्रवर्णनम्,	साधुवृत्तिं समाचरेत्,	
	अपठितगद्यांशः	तिरुक्कुरल-सूक्ति-सौरभम्	
	REVISION FOR PT-2 EXAMINATION		
SEPTEMBER	PT-2 EXAMIN	NATION	
SEPTEMBER	पत्रलेखनम्, चित्रवर्णनम्	सुस्वागतं भो ! अरुणाचलेsस्मिन्	
OCTOBER	संशोधनम्, संधि, अपठितगद्यांशः,समासाः कालोsहम् (केवलम् आन्तरिकमूल्यांकनाय), वि किम् उपादेयम् (केवलम् आन्तरिकमूल्यांकनाय)		
NOVEMBER	PT- 3 EXAMINATION		
NOVEMBER	BOARD SYLLABUS COMPLETION		
DECEMBER	PRE-BOARD		
	REVISIO	ON	
JANUARY	PRACTICE	TEST	

# French 2<sup>nd</sup> Language Session: 2024-25

MONTH	CHAPTER'S NAME	SUB TOPIC	
		Pronoms Personnels - COD/COI, Les proverbs	
		-	
APRIL	Leçon 2 - Après le bac	Se presenter, Décrire un lieu, Demander un avis	
		Demander un renseignement  Exprimer la volonte ; Le futur antérieur ; La forme nominale ;	
		Comprehension/Culture & Civilisation	
		Decrire la carriere professionnelle	
	Leçon-3 -Chercher du travail	Conseiller quelqu'un	
		Pronoms relatifs simples et composes; Comprehension/Culture & Civilisation	
MAY-JUNE		PT-1 EXAMINATION	
MAY	Leçon 4- Le plaisir de lire	Raconter un evenement, inviter quelqu'un ( Letter writing using Passé composé & Imparfait)	
		Plus que parfait ;Comprehension/Culture & Civilisation	
JUNE	Leçon 5 - Les Medias	Raconter des faits divers;Nominal form, pronoms personnels Y & EN; Comprehension/Culture & Civilisation	
		Decrire une visite; Les pronoms demonstartifs simples et composés	
JULY	Leçon 6 - Chacun ses gouts	Comprehension/Culture & Civilisation	
		Subjonctif; Le conditionnel présent	
AUGUST	REVISION FOR PT-2 EXAMINATION		
SEPTEMPBER	PT-2 EXAMINATION		
		Pronoms possessifs ;	
SEPTEMPBER	Leçon-7 - En pleine frome	S'informer de la santé de quelqu'un	
		Comprehension/Culture & Civilisation	
	Leçon 8 - L'environment	Faire des projets pour sauver la planete - letter writing	
OCTOBER		Si clauses	
		Comprehension/Culture & Civilisation	
NOVEMBER	Leçon 10 - Vive la République	Le discours rapport ; Exprimer un desir/regret -message writing	
NOVEMBER	Legon 10 - vive ia Republique	Discuter le systeme politique; Comprehension/Culture & Civilisation	
NOVEMBER	PT-3 EXAMINATION		
DECEMBER	PRE BOARD		
DECEMBER	REVISION		
JANUARY	PRACTICE TEST		



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### German 2<sup>nd</sup> Language Session: 2024-25

MONTH	CHAPTER	SUB-TOPIC
APRIL	Food	Indirect questions with question words and using "ob" Adjectives in Nominative and Accusative case without articles Comprehension Dialogue writing
MAY- JUNE		PERIODIC TEST 1
MAY	Media	Simple past tense Prepositions of place and direction in Accusative, Dative and Mixed
JUNE	Media	Relative clause: Relative pronouns with prepositions. Degrees of adjectives: comparative and superlative
JULY	Learning languages	Subordinate clauses:"weil" and"obwohl" Past perfect tense Comprehension Dialogue writing Email writing
AUGUST	R	evision For Periodic Test 2
AUGUST - SEPTEMBER	PERIODIC TEST 2	
SEPTEMBER	Involvement in social causes	Relative clause: relative pronoun"wo","was"
OCTOBER	Involvement in social causes	Clause of time:"als" and "nachdem" Email writing Comprehension Dialogue writing
NOVEMBER	PERIODICTEST 3	
NOVEMBER - DECEMBER	PRE BOARD	
JANUARY	PRACTICE TEST	
FEBRUARY	FINAL EXAMINATION	