



# DELHI PUBLIC SCHOOL PARADIP REFINERY

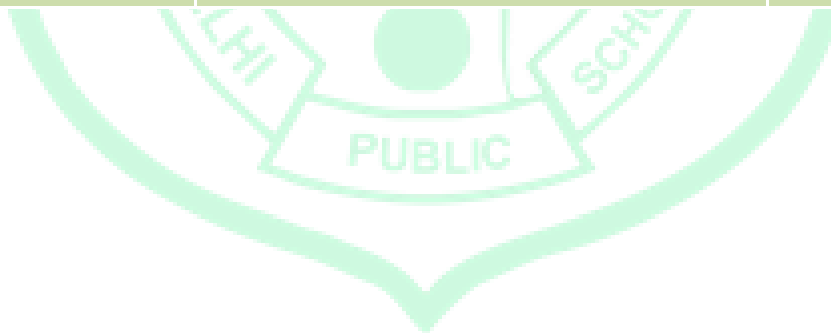
## CURRICULUM FOR SESSION 2021-2022

### CLASS – XI COMMERCE

#### ENGLISH

MONTH	NO. OF PERIODS	CHAPTER NO.	CHAPTER	SUB - TOPIC
MAY	2	1	The Portrait of a Lady	Intro, Explanation & Discussion of qns
	1		Determiners	Exercises
	2	Poem	A Photograph	Intro, Explanation & Discussion of qns
	1		Reading Skills-Comprehension	Classwork
	2	1	The Summer of the Beautiful White Horse	Intro, Explanation & Discussion of qns
	1		Error Correction	Exercises
	2		Poster Making	Intro, Explanation & Class work
JUNE	2	2	We're not Afraid to Die	Intro, Explanation & Discussion of qns
	2		Article Writing	Intro, Explanation & Class work
	1		Modals	Exercises
	2		Note Making	Intro, Explanation & Class work
	2		Speech Writing	Intro, Explanation & Class work
	2	3	Discovering Tut	Intro, Explanation & Discussion of qns
JULY	2	2	The Address	Intro, Explanation & Discussion of qns
	2		Letter of enquiry	Intro, Explanation & Class work
	2	poem	The Laburnum Top	Intro, Explanation & Discussion of qns
	1		Clauses	Exercises
	3		Advertisement	Intro, Explanation & Class work
	2	3	Ranga's Marriage	Intro, Explanation & Discussion of qns
	1		Change of Voice	Exercises
	2		Placing an Order	Intro, Explanation & Class work
2		Notice Writing	Intro, Explanation & Class work	

	2		Debate Writing	Intro, Explanation & Class work
<b>AUGUST</b>	2	4	Landscape of the Soul	Intro, Explanation & Discussion of qns
	2	4	Albert Einstein at School	Intro, Explanation & Discussion of qns
	1		Editing/Cloze passages	Exercises
	2	poem	The Voice of the Rain	Intro, Explanation & Discussion of qns
	2		Letter of Cancellation	Intro, Explanation & Class work
	2	5	The Ailing Planet	Intro, Explanation & Discussion of qns
	2		Letter of Complaint	Intro, Explanation & Class work
	2		Job Application	Intro, Explanation & Class work
	2		Report Writing	Intro, Explanation & Class work
	1		Reordering of Sentences	Exercises
	<b>SEPTEMBER</b>	2	6	The Browning Version
2		poem	Childhood	Intro, Explanation & Discussion of qns
4		5	Mother's Day	Intro, Explanation & Discussion of qns
1			Transformation of Sentences	Exercises
<b>OCTOBER</b>	3	6	The Ghat of the only World	Intro, Explanation & Discussion of qns
	3	7	The Adventure	Intro, Explanation & Discussion of qns
	2	8	Silk Road	Intro, Explanation & Discussion of qns
<b>NOVEMBER</b>	2	poem	Father to Son	Intro, Explanation & Discussion of qns
	2	7	Birth	Intro, Explanation & Discussion of qns
	2	8	The Tale of the Melon city	Intro, Explanation & Discussion of qns



## ACCOUNTANCY

MONTH	NO. OF PERIODS	CHAPTER NO.	CHAPTER	SUB - TOPIC
MAY	17		<b>FINANCIAL ACCOUNTING - I</b>	
			<b>Theoretical Frame Work</b>	
		1	<b>Introduction to Accounting</b>	Accounting- concept, objectives, advantages and limitations, types of accounting information; users of accounting information and their needs. Qualitative Characteristics of Accounting Information. Role of Accounting in Business.
		2	<b>Basic Accounting Terms</b>	Basic Accounting Terms- Business Transaction, Capital, Drawings. Liabilities (Non Current and Current). Assets (Non Current, Current); Fixed assets (Tangible and Intangible), Expenditure (Capital and Revenue), Expense, Income, Profit, Gain, Loss, Purchase, Sales, Goods, Stock, Debtor, Creditor, Voucher, Discount (Trade discount and Cash Discount)
		3	<b>Theory Base of Accounting</b>	Fundamental accounting assumptions: GAAP: Concept
				Business Entity, Money Measurement, Going Concern, Accounting Period, Cost Concept, Dual Aspect, Revenue Recognition, Matching, Full Disclosure, Consistency, Conservatism, Materiality and Objectivity
JUNE	3			System of Accounting. Basis of Accounting: cash basis and accrual basis
				Accounting Standards: Applicability in IndAS
	9			Goods and Services Tax (GST): Characteristics and Objective.
			<b>Accounting Process</b>	
	4	<b>Recording of Business Transactions</b>	Voucher and Transactions: Source documents and Vouchers, Preparation of	

				Vouchers, Accounting Equation Approach: Meaning and Analysis, Rules of Debit and Credit.
<b>JULY</b>	24			Recording of Transactions: Books of Original Entry- Journal
				Special Purpose books:
				Cash Book: Simple, cash book with bank column and petty cashbook
				Purchases book
				Sales book
				Purchases return book
				Sales return book
				Note: Including trade discount, freight and cartage expenses for simple GST calculation.
				Ledger: Format, Posting from journal and subsidiary books, Balancing of accounts
		<b>AUGUST</b>	23	5
6	<b>Depreciation, Provisions and Reserves</b>			Depreciation: Concept, Features, Causes, factors
			Other similar terms: Depletion and Amortisation	
			Methods of Depreciation: i. Straight Line Method (SLM) ii. Written Down Value Method (WDV) Note: Excluding change of method	
			Difference between SLM and WDV; Advantages of SLM and WDV	
	Accounting treatment of depreciation i. Charging to asset account ii. Creating provision for depreciation/accumulated depreciation account iii. Treatment for disposal of asset			
<b>SEPTEMBER</b>	13			Provisions and Reserves: Difference
				Types of Reserves: i. Revenue reserve

		7		<ul style="list-style-type: none"> <li>ii. Capital reserve</li> <li>iii. General reserve</li> <li>iv. Specific reserve</li> <li>v. Secret Reserve</li> </ul>
				Difference between capital and revenue reserve
			<b>Accounting for Bills of Exchange</b>	Bill of exchange and Promissory Note: Definition, Specimen, Features, Parties.
				Difference between Bill of Exchange and Promissory Note
<b>OCTOBER</b>	18	8		<p>Terms in Bill of Exchange:</p> <ul style="list-style-type: none"> <li>i. Term of Bill</li> <li>ii. Accommodation bill (concept)</li> <li>iii. Days of Grace</li> <li>iv. Date of maturity</li> <li>v. Discounting of bill</li> <li>vi. Endorsement of bill</li> <li>vii. Bill after due date</li> <li>viii. Negotiation</li> <li>ix. Bill sent for collection</li> <li>x. Dishonour of bill</li> <li>xi. Retirement of bill</li> <li>xii. Renewal of bill</li> </ul>
			Accounting Treatment Note: excluding accounting treatment for accommodation bill	
	<b>Trial balance and Rectification of Errors</b>		Trial balance: objectives and preparation (Scope: Trial balance with balance method only)	
<b>NOVEMBER- DECEMBER</b>	8	9		Errors: types-errors of omission, commission, principles, and compensating; their effect on Trial Balance.
			Detection and rectification of errors; preparation of suspense account.	
			<b>Financial Accounting - II</b>	
			<b>Financial Statements of Sole Proprietorship</b>	
	NOV- 14 DEC-10	9	<b>Financial Statements</b>	Meaning, objectives and importance; Revenue and Capital Receipts; Revenue and Capital Expenditure;

				<p>Deferred Revenue expenditure.  Trading and Profit and Loss Account: Gross Profit, Operating profit and Net profit. Preparation.  Balance Sheet: need, grouping and marshalling of assets and liabilities. Preparation.  Adjustments in preparation of financial statements with respect to closing stock, outstanding expenses, prepaid expenses, accrued income, income received in advance, depreciation, bad debts, provision for doubtful debts, provision for discount on debtors, Abnormal loss, Goods taken for personal use/staff welfare, interest on capital and managers commission.  Preparation of Trading and Profit and Loss account and Balance Sheet of a sole proprietorship with adjustments.</p>
<b>DECEMBER</b>	10	10	<b>Incomplete Records</b>	<p>Features, reasons and limitations.  Ascertainment of Profit/Loss by Statement of Affairs method.  Difference between accounts from incomplete records and Statement of Affairs. Preparation of Trading , Profit and Loss account and Balance Sheet.</p>
<b>JANUARY</b>	13	11	<b>Computers in Accounting</b>	<p>Introduction to computer and accounting information system {AIS}: Introduction to computers (elements, capabilities, limitations of computer system)  Introduction to operating software, utility software and application software. Introduction to accounting information system (AIS) as a part of Management Information System.  Automation of accounting process: meaning  Stages in automation: (a) Accounting process in a computerised environment; comparison between manual accounting process and computerised accounting process, (b) Sourcing of accounting software; kinds of software: readymade software; customised software and tailor-made software; generic considerations before sourcing accounting</p>

				software (c) creation of account groups and hierarchy (d) generation of reports - trial balance, profit and loss account and balance sheet
				Scope: (i) The scope of the unit is to understand accounting as an information system for the generation of accounting information and preparation of accounting reports. (ii) It is presumed that the working knowledge of any appropriate accounting software will be given to the students to help them learn basic accounting operations on computers.
	10	12	<b>Project Work</b>	Project File/Work
<b>FEBRUARY</b>	10		<b>Revision</b>	

## ECONOMICS

UNIT	CHAPTER	SUB TOPIC						
<b>UNIT 1</b>	INTRODUCTION	MEANING						
		SCOPE						
		FUNCTIONS						
		IMPORTANCE OF STATISTICS						
<b>UNIT 2</b>	COLLECTION, ORGANISATION, AND PRESENTATION OF DATA	COLLECTION OF DATA						
		SOURCES OF DATA						
		METHODS OF COLLECTING DATA						
		SAMPLING						
		CENSUS						
		NATIONAL SAMPLE SURVEY						
		ORGANISATION OF DATA						
		MEANING AND TYPES						

		FREQUENCY DISTRIBUTION					
		TABULAR PRESENTATION					
		DIAGRAMMATIC REPRESENTATION					
		BAR GRAPH					
		PIE DIAGRAMS					
		HISTOGRAM					
		POLOGY					
		OGIVE					
		TIME					
<b>UNIT 3</b>	MEASURES OF CENTRAL TENDENCY	ARITHMETIC MEAN					
		MEDIAN					
		MODE					
<b>unit 4</b>	MEASURES OF DISPERSION	RANGE					
		QUARTILE DEVIATION					
		MEAN DEVIATION					
		STANDARD DEVIATION					
		CO-EFFICIENT OF MEAN DEVIATION					
		CO-EFFICIENT OF VARIATION					
<b>unit 5</b>	CORREALATION	MEANING AND PROPERTIES					
		SCATTER DIAGRAM					
		KARL PEARSON					
		SPEARSMAN METHOD					
<b>unit 6</b>	INDEX NUMBER	MEANING AND TYPE					
		WHOLESALE PRICE INDEX					
		CONSUMERS PRICE INDEX					
		USES OF INDEX NUMBER					
		INFLATION					
		INDEX NUMBER					

**PART B INTRODUCTORY MICRO ECONOMICS -40 MARKS**

<b>UNIT 4</b>	INTRODUCTION	MICRO ECONOMICS	Meaning of microeconomics
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			and
		MACRO ECONOMICS	macroeconomics.What is an economy? Central
		POSITIVE ECONOMICS	problems of an economy : what, how and for
		NORMATIVE ECONOMICS	whom to produce; concepts of production
		CENTRAL PROBLEMS OF ECONOMY	possibility frontier and opportunity cost.
		PPC CURVE	
		OPPORTUNITY COST	
<b>UNIT 5</b>	<b>CONSUMERS EQUILIBRIUM</b>	UTILITY	Consumer's equilibrium – meaning of utility,
		MARGINAL UTILITY	marginal utility, law of diminishing marginal
		LAW OF DIMINISHING MARGINAL UTILITY	utility, conditions of consumer's equilibrium
		CONDITIONS FOR CONSUMERS EQUILIBRIUM	using marginal utility analysis.
		INDIFFERENCE CURVE	Indifference curve analysis of consumer's
		CONSUMERS BUDGET	equilibrium-the consumer's budget (budget set
		INDIFFERENCE MAP	and budget line), preferences of the consumer
		DEMAND	(indifference curve, indifference map) and
		LAW OF DEMAND	conditions of consumer's equilibrium.Demand,
		MARKET DEMAND	market demand, determinants of demand,
		DETERMINANT OF DEMAND	demand schedule, demand curve and its slope,
		DEMAND SCHEDULE	movement along and shifts in the demand

		DEMAND CURVE	curve; price elasticity of demand - factors
		SLOPE OF DEMAND CURVE	affecting price elasticity of demand;
		MOVEMENT ALONG THE DEMAND CURVE	measurement of price elasticity of demand –
		SHIFT IN THE DEMAND CURVE	(a) percentage-change method and (b)
		PRICE ELASTICITY OF DEMAND	geometric method (linear demand curve);
		MEASUREMENT OF PRICE ELASTICITY OF DEMAND	relationship between price elasticity of
		PERCENTAGE CHANGE IN DEMAND	demand and total expenditure.
<b>UNIT 6</b>	<b>PRODUCERS BEHAVIOUR AND SUPPLY</b>	MEANING OF PRODUCTION FUNCTION	
		SHORT RUN	Production function - Short-Run and Long-Run
		LONG RUN	Total Product, Average Product and Marginal
		TOTAL PRODUCT	Product. Returns to a Factor. Cost and
		MARGINAL PRODUCT	Revenue: Short run costs - total cost, total
		AVERAGE PRODUCT	fixed cost, total variable cost; Average cost;
		LAW OF VARIABLE PROPORTION	Average fixed cost, average variable cost and
		COST	marginal cost-meaning and their relationship.
		TC,MC,AC	Revenue - total, average and marginal revenue
		THEIR RELATIONSHIP	- meaning and their relationship.Producer's
		REVENUE	equilibrium-meaning and its conditions in
		TR,MR,AR	terms of marginal revenue-marginal cost.

		PRODUCERS EQUILIBRIUM	Supply, market supply, determinants of supply,				
		SUPPL	supply schedule, supply curve and its slope,				
		MARKET SUPPLY	movements along and shifts in supply curve,				
		DETERMINANTS	price e lasticity of supply; measurement of				
		SUPPLY SCHUDULE	price elasticity of supply – (a)				
		SUPPLY CURVE	percentagechange method and (b) geometric				
		MOVEMENT ALONG THE SUPPLY CURVE					
		SHIFT IN SUPPLY CURVE					
		PRICE ELASICITY OF SUPPLY					
		PERCENTAGE CHANGE METHOD					
<b>UNIT 7</b>	<b>FORMS OF MARKET AND PRICE DETERMINATION</b>	PERFECT COMPETITION	Perfect competition - Features; Determination				
		MONOPOLY	of market equilibrium and effects of shifts in				
		MONOPOLISTICS COMPETITION	demand and supply. Other Market Forms -				
		PRICE CEILING	monopoly, monopolistic competition,				
		PRICE FLOOR	oligopoly - their meaning and features.Simple				
			Applications of Demand and Supply: Price				
			ceiling, price floor.				
			Project on forms				
			of market.				
			After				



## BUSINESS STUDIES

MONTH	NO. OF PERIODS	CHAPTER NO.	CHAPTER	SUB - TOPIC
MAY	17	1	Nature and Purpose of Business	History of Trade and Commerce in India: Indigenous Banking System, Rise of Intermediaries, Transport, Trading Communities: Merchant Corporations, Major Trade Centres, Major Imports and Exports, Position of Indian Sub-Continent in the World Economy.
				Business – meaning and characteristics
				Business, profession and employment- Concept
				Objectives of business
				Classification of business activities - Industry and Commerce
				Industry-types: primary, secondary, tertiary Meaning and subgroups
				Commerce-trade: (types-internal, external; wholesale and retail) and auxiliaries to trade (banking, insurance, transportation, warehousing, communication, and advertising) – meaning
				Business risk-Concept
JUNE	12	2	Forms of Business Organisations	Sole Proprietorship-Concept, merits and limitations.
				Partnership-Concept, types, merits and limitation of partnership, registration of a partnership firm, partnership deed. Types of partners
				Hindu Undivided Family Business: Concept
JULY	10			Cooperative Societies-Concept, merits, and limitations.
				Company - Concept, merits and limitations; Types: Private, Public and One Person Company – Concept
				Formation of company - stages, important documents to be used in formation of a company
				Choice of form of business organization
14	3	Public, Private and Global Enterprises	Public sector and private sector enterprises – Concept	
			Forms of public sector enterprises: Departmental Undertakings, Statutory Corporations and Government Company.	

<b>AUGUST</b>	3			Multinational Company – Feature. Joint ventures, Public private partnership – concept
	17	4	Business Services	Business services – meaning and types. Banking: Types of bank accounts - savings, current, recurring, fixed deposit and multiple option deposit account
				Banking services with particular reference to Bank Draft, Bank Overdraft, Cash credit. E-Banking meaning, Types of digital payments.
				Insurance – Principles. Types – life, health, fire and marine insurance – concept
				Postal Service - Mail, Registered Post, Parcel, Speed Post, Courier - meaning
	3	5	Emerging Modes of Business	E - business: concept, scope and benefits
<b>SEPTEMBER</b>	7			Business Process Outsourcing (BPO): Concept, need and scope
<b>OCTOBER</b>	6	6	Social Responsibility of Business and Business Ethics	Concept of social responsibility
				Case of social responsibility
	8			Responsibility towards owners, investors, consumers, employees, government and community.
				Role of business in environment protection
10	7	Sources of Business Finance	Concept of business finance	
			Owners' funds- equity shares, preferences share, retained earnings, Global Depository receipt (GDR), American Depository Receipt (ADR) and International Depository Receipt (IDR) – concept	
<b>NOVEMBER</b>	14		Borrowed funds: debentures and bonds, loan from financial institution and commercial banks, public deposits, trade	

				credit, Inter Corporate Deposits (ICD).
	8	8	Small Business	Entrepreneurship Development (ED): Concept, Characteristics and Need. Process of Entrepreneurship Development: Start-up India Scheme, ways to fund start-up. Intellectual Property Rights and Entrepreneurship
				Small scale enterprise as defined by MSMED Act 2006 (Micro, Small and Medium Enterprise Development Act)
				Role of small business in India with special reference to rural areas
<b>DECEMBER</b>	5			Government schemes and agencies for small scale industries: National Small Industries Corporation (NSIC) and District Industrial Centre (DIC) with special reference to rural, backward areas
	15	9	Internal Trade	Internal trade - meaning and types services rendered by a wholesaler and a retailer
				Types of retail-trade-Itinerant and small scale fixed shops retailers
<b>JANUARY</b>	9			Large scale retailers-Departmental stores, chain stores - concept
				GST (Goods and Services Tax): Concept and key-features
	12	10	International Business	International trade: concept and benefits
				Export trade – Meaning and procedure
				Import Trade - Meaning and procedure
				Documents involved in International Trade; indent, letter of credit, shipping order, shipping bills, mate's receipt (DA/DP)
				World Trade Organization (WTO) meaning and objectives
	2	11	Project Work	Project file
<b>FEBRUARY</b>	5		Project Work	Project file
	5		Revision	

**MATHEMATICS**

MONTH	CHAPTER NO.	CHAPTER NAME	SUB TOPICS
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<b>MAY</b>	5	<ul style="list-style-type: none"> <li>➤ Complex Numbers</li> <li>➤ Quadratic Equations</li> </ul>	<ul style="list-style-type: none"> <li>• Algebra of Complex Numbers</li> <li>• The Modulus and the Conjugate of a complex Number</li> <li>• Argand Plane and Polar Representation</li> <li>• Quadratic Equations</li> <li>• Quadratic Formula</li> <li>• Square root of a Complex Number.</li> </ul>
<b>JUNE</b>	1	<ul style="list-style-type: none"> <li>➤ Sets</li> </ul>	<ul style="list-style-type: none"> <li>• Sets and their Representations</li> <li>• The Empty Set</li> <li>• Finite and Infinite Sets</li> <li>• Equal Sets</li> <li>• Subsets</li> <li>• Power Set</li> <li>• Universal Set</li> <li>• Venn Diagram</li> <li>• Operations on Sets</li> <li>• Complement of a Set</li> <li>• Practical Problems on Union and Intersection of Two Sets</li> </ul>
<b>JULY</b>	2 & 3	<ul style="list-style-type: none"> <li>➤ Relations and Functions</li> <li>➤ Trigonometric Functions</li> </ul>	<ul style="list-style-type: none"> <li>• Cartesian product of sets</li> <li>• Relations</li> <li>• Functions</li> <li>• Angles</li> <li>• Trigonometric Functions</li> <li>• Trigonometric Functions of Sum and Difference of Two Angles</li> <li>• Trigonometric Equations</li> <li>• Law of Sine &amp; Law of Cosine.</li> </ul>
<b>AUGUST</b>	4 & 6	<ul style="list-style-type: none"> <li>➤ Principle of Mathematical Induction</li> <li>➤ Linear Inequalities</li> </ul>	<ul style="list-style-type: none"> <li>• The Principle of Mathematical Induction</li> <li>• Algebraic Solution of Linear Inequalities in one Variable and their Graphical Representation</li> <li>• Graphical Solution of Linear Inequalities in two Variables</li> <li>• Solution of System of Linear Inequalities in Two Variables.</li> </ul>
<b>SEPTEMBER</b>	7&8	<ul style="list-style-type: none"> <li>➤ Permutations and Combinations</li> <li>➤ Binomial Theorem</li> </ul>	<ul style="list-style-type: none"> <li>• Fundamental Principle of Counting</li> <li>• Permutations</li> <li>• Combinations</li> <li>• Binomial Theorem for Positive Integral Indices</li> </ul>

			<ul style="list-style-type: none"> <li>• General and Middle Terms</li> </ul>
<b>OCTOBER</b>	9 & 10	<ul style="list-style-type: none"> <li>➤ Sequences and Series</li> <li>➤ Straight Lines</li> </ul>	<ul style="list-style-type: none"> <li>• Sequences</li> <li>• Series</li> <li>• Arithmetic Progression(A.P)</li> <li>• Geometric Progression(G.P)</li> <li>• Relationship Between A.M and G.M</li> <li>• Sum to n terms of Special Series.</li> <li>• Slope of a line</li> <li>• Various Forms of the Equation of a line</li> <li>• General Equation of a line</li> <li>• Distance of a point from a Line</li> <li>• Distance between Parallel lines</li> <li>• Equation of Family of Lines.</li> </ul>
<b>NOVEMBER</b>	11 & 12	<ul style="list-style-type: none"> <li>➤ Conic Sections</li> <li>➤ Introduction to Three Dimensional Geometry</li> </ul>	<ul style="list-style-type: none"> <li>• Sections of a Cone</li> <li>• Circle</li> <li>• Parabola</li> <li>• Ellipse</li> <li>• Hyperbola</li> <li>• Coordinate Axes and Coordinate Planes in Three Dimensional Space</li> <li>• Coordinates of a Point in Space</li> <li>• Distance between Two Points</li> <li>• Section Formula</li> </ul>
<b>DECEMBER</b>	13 & 14	<ul style="list-style-type: none"> <li>➤ Limits and Derivatives</li> <li>➤ Mathematical Reasoning</li> </ul>	<ul style="list-style-type: none"> <li>• Intuitive Idea of Derivatives</li> <li>• Limits</li> <li>• Limits of Trigonometric Functions</li> <li>• Derivatives.</li> </ul>
<b>JANUARY</b>	15 & 16	<ul style="list-style-type: none"> <li>➤ Statistics</li> <li>➤ Probability</li> </ul>	<ul style="list-style-type: none"> <li>• Measures of Dispersion</li> <li>• Range</li> <li>• Mean Deviation</li> <li>• Variance and Standard Deviation</li> <li>• Analysis of Frequency Distributions</li> <li>• Random Experiments</li> <li>• Event</li> <li>• Axiomatic Approach to Probability</li> </ul>
<b>FEBRUARY</b>			Activity Test



## PHSICAL EDUCATION

MONTH	NO. OF PERIODS	CHAPTER NO.	CHAPTER NAME	SUB TOPICS
MAY	16	1	Changing Trends & Career in Physical Education	Meaning & definition of Physical Education Aims & Objectives of Physical Education Career Options in Physical Education Competitions in various sports at national and international level Khelo-India Program
JUNE	10	2	Olympic Value Education	Olympics, Paralympics and Special Olympics Olympic Symbols, Ideals, Objectives & Values of Olympism International Olympic Committee Indian Olympic Association
JULY	18	3	Physical Fitness, Wellness & Lifestyle	Meaning & Importance of Physical Fitness, Wellness & Lifestyle Components of physical fitness and Wellness Components of Health related fitness
AUGUST	18	4	Physical Education & Sports for CWSN (Children With Special Needs- Divyang)	Aims & objectives of Adaptive Physical Education Organization promoting Adaptive Sports (Special Olympics Bharat; Paralympics; Deaflympics) Concept of Inclusion, its need and Implementation Role of various professionals for children with special needs (Counsellor, Occupational Therapist, Physiotherapist)

<b>SEPTEMBER</b>	8	5	Yoga	<p>Meaning &amp; Importance of Yoga</p> <p>Elements of Yoga</p> <p>Introduction - Asanas, Pranayam, Meditation &amp; Yogic Kriyas</p> <p>Yoga for concentration &amp; related Asanas (Sukhasana; Tadasana; Padmasana &amp; Shashankasana, Naukasana, Vrikshasana (Tree pose), Garudasana (Eagle pose)</p> <p>Relaxation Techniques for improving concentration – Yog-nidra</p>
<b>OCTOBER</b>	14	6	Physical Activity & Leadership Training	<p>Leadership Qualities &amp; Role of a Leader</p> <p>Creating leaders through Physical Education</p> <p>Meaning, objectives &amp; types of Adventure Sports (Rock Climbing, Tracking, River Rafting, Mountaineering, Surfing and Para Gliding)</p> <p>Safety measures to prevent sports injuries</p>
<b>NOVEMBER</b>	16	7	Test, Measurement & Evaluation	<p>Define Test, Measurement &amp; Evaluation</p> <p>Importance of Test, Measurement &amp; Evaluation In Sports</p> <p>Calculation of BMI &amp; Waist - Hip Ratio</p> <p>Somato Types (Endomorphy, Mesomorphy &amp; Ectomorphy)</p> <p>Measurement of health related fitness</p>
<b>DECEMBER</b>	18	8	Fundamentals of Anatomy, Physiology & Kinesiology in Sports	<p>Definition and Importance of Anatomy, Physiology &amp; Kinesiology</p> <p>Function of Skeleton System, Classification of Bones &amp; Types of Joints</p> <p>Properties and Functions of Muscles</p> <p>Function &amp; Structure of Respiratory System and Circulatory System</p> <p>Equilibrium – Dynamic &amp; Static And Centre of Gravity and its application in sports</p>
<b>JANUARY</b>	15	9	Psychology & Sports	<p>Definition &amp; Importance of Psychology in Phy. Edu. &amp; Sports</p> <p>Define &amp; Differentiate Between Growth &amp; Development</p> <p>Developmental Characteristics At Different Stages of Development</p> <p>Adolescent Problems &amp; Their Management</p>

<b>FEBRUARY</b>	10	10	Training and Doping in Sports	Meaning & Concept of Sports Training Principles of Sports Training Warming up & limbering down Skill, Technique & Style Concept & classification of doping Prohibited Substances & their side effects Dealing with alcohol and substance abuse
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### HINDUSTAN VOCAL MUSIC

MONTH	NO. OF PERIODS	CHAPTER	SUB - TOPIC
<b>MAY</b>	11	Unit 1 ( Brief study )	(naad, shruti, swar, saptak, thaata, jati, laya and taal)
<b>JUNE</b>	8	Unit 6 (raags)	Raag Bhimpalasi
<b>JULY</b>	18	Unit 5 (Taals), Unit 1(Brief study)	Taal Dadra, Margi-Desi, Nibaddha & anibaddha Gaan, Lakshan Geet, Swarmalika and Raag
<b>AUGUST</b>	17	Unit 6( Raag Bihag), Unit- 5 (Taals)	Raag bihag chota khayal and Keharwa taal demonstration and teentaal
<b>SEPTEMBER</b>	6	Unit 3 (musical elements), Unit 6 (raags)	natyashastra, brijhaddesi, raag bihag badakhayal
<b>OCTOBER</b>	13	Unit 1( gharanas, dhrupad, khayal and tarana), Unit 6( raags)	Different gharanas and raag jaunpuri chota khayal
<b>NOVEMBER</b>	14	Unit 3( life sketch), Unit 5( taals)	life sketch of tansen, V.N.Bhatkhande, V.D. Paluskar, sooltaal, ektaal
<b>DECEMBER</b>	13	Unit 5( Taals), Unit 6 ( Raags )	Taal choutaal, Raag Bhairavi
<b>JANUARY</b>	16	Chapter 4( tanpura), Bhajan	Structure of tanpura and one bhajan

## INFORMATION TECHNOLOGY

MONTH	NO. OF PERIODS	CHAPTER NO.	CHAPTER	SUB - TOPIC
MAY	12	PART-B Unit -5	Fundamentals Of JAVA	Integrated Development Environment (NETBEANS)
JUNE	10	PART-B Unit -5	Fundamentals Of Java	JAVA Programming
JULY	16	PART-B Unit -4	RDBMS	<ul style="list-style-type: none"> <li>• Relational Database Management System</li> <li>• Introduction to MYSQL</li> <li>• DML Commands</li> </ul>
AUGUST	15	PART-B Unit -3	Office Automation Tools	<ul style="list-style-type: none"> <li>• Word processor</li> <li>• Spreadsheets</li> <li>• PowerPoint</li> </ul>
SEPTEMBER	10	PART-B Unit -1	Computer Organization	<ul style="list-style-type: none"> <li>• Fundamentals Of Computer And Its Characteristics</li> <li>• The Components Of Computer</li> <li>• Operating System</li> <li>• Troubleshooting In Computer System</li> <li>• The Importance Of Utilities</li> </ul>
OCTOBER	12	PART-B Unit -2	Networking And Internet	<ul style="list-style-type: none"> <li>• Computer Networking</li> <li>• Internet and its terminology</li> <li>• Cybercrime and the need of Cyber Security</li> </ul>
NOVEMBER	15	PART-A Unit -1	Communication Skills	
DECEMBER	14	PART-A Unit -2 PART-A Unit -3	Self-Management Skills Information And Communication Technology Skills	
JANUARY	16	PART-A Unit -4 PART-A Unit -5	Entrepreneurial Skills Green Skills	
FEBRUARY	REVISION			

PUBLIC