



## **DELHI PUBLIC SCHOOL PARADIP REFINERY**

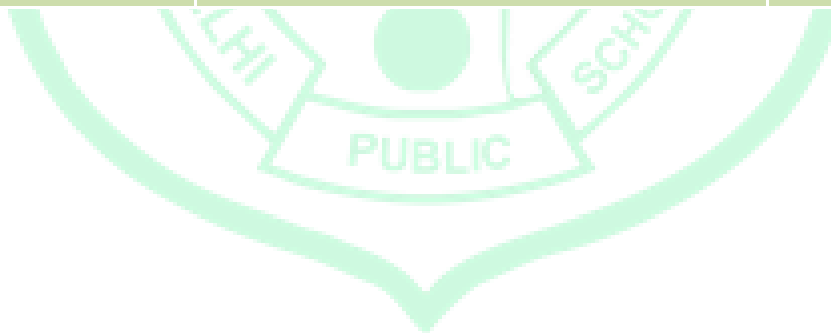
### **CURRICULUM FOR SESSION 2021-2022**

#### **CLASS – XI HUMANITIES**

##### **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



## HISTORY

MONTH	NO. OF PRD	CHAPTER	SUB TOPIC
MAY	13	From the Beginning	Introduction
			The story of Human evolution
			Modern Human Being
			Ways of Obtaining Food
			From Trees to Caves to Open Sites
			Making Tools
			Modes of Communication Language/Art
			Early Encounters with Hunter Gatherers
			Hunter Gatherers Society Present to Past
JUNE	13	Writing and City Life	Introduction
			Mesopotamia and its Geography
			The significance of Urbanism
			The Development of Writing
			System and Uses of Writing
			Urbanisation in South MesopotamiaTemples And Kings
			Life in the City
			Trading Town in a Pastoral Zone
			Cities in Mesopotamian culture
			The Legacy of Writing
JULY	13	An Empire Across 3 Continents	Introduction
			The Early Empire
			The Third Century Crisis
			Gender, Literacy, Culture
			Economic Expansion
			Controlling Workers

			Social hierarchies
			Late Antiquity
<b>JULY</b>	13	The Central Islamic Lands	Introduction
			The Rise of Islam in Arabia-Faith, Community, Politics
			The Caliphate - Expansion, War and Sect Formation
			The Umayyads and the Centrality of Polity
			The Abbasid Revolution
			Break up of Caliphate and the rise of Sultanates
			The Crusades
			Economy, Agriculture, Urbanisation and Commerce
			Learning and Culture
<b>AUGUST</b>	13	Nomadic Empires	Introduction
			Social and Political Background
			The Career of Genghis Khan
			The Mongols After Genghis Khan
			Social, Political and Military Organisation
			Genghis Khan and the Mongols in World History
<b>OCTOBER</b>	13	The Three Orders	Introduction to Feudalism
			France and England
			Three Orders
			The First Order - The Clergy ( Monks and Church)
			The Second Order - The Nobility ( Manors-Knights)
			The Third Order - The Peasants
			Factors Affecting Socio-Economic Relations
			New Agricultural Technology
			A Fourth Order _ New Towns and Towns people
			Cathedral Towns
			The Crisis of the 14th Century
Socio - Political Changes			

<b>NOVEMBER</b>	13	Changing Cultural Traditions	Introduction
			The Revival of Italian City
			Universities and Humanism
			Science and Philosophy- The Arab's Contribution
			Artists, Architecture and Realism
			The First Printed Books
			The New Concept of Human Beings
			The Aspirations of Women
			Debates within Christianity
			The Copernican Revolution
			Reading the Universe
			European Renaissance in 14th Century
			<b>NOVEMBER</b>
Communities of the Caribbean and Brazil			
The Aztecs			
The Mayas			
The Incas of Peru			
Voyages of Exploration by Europeans			
The Atlantic Crossing Spain establishes an Empire in America			
Cortes and Atecs			
Pizarro and the Incas			
Cabral and Brazil			
Conquest, Colonies and the Slave Trade			
<b>NOVEMBER</b>	13	The Industrial Revolution	
			Why in Britain?
			Towns, Trade and Finance
			Coal and Iron
			Cotton Spinning and Weaving
			Steam Power

			Canals and Railways
			Changed lives - The Workers
			Women, Children and Industrialisation
			Protest Movement
			Reforms through Laws
			The Debates on the Industrial revolution
<b>DECEMBER</b>	13	Displacing Indigenous Peoples	Introduction
			European Imperialism
			North America - The Native Peoples
			Encounters with Europeans
			Mutual PerceptionsThe Native lose their Land
			The Gold Rush, and the Growth of Industries
			Constitutional Rights
			The Winds of Change
			Australia - The Winds of Change
<b>DECEMBER</b>	13	Paths to Modernisation	Introduction
			Japan - Political System
			Restoration of the Meiji
			Modernising the Economy
			Industrial Workers
			Aggressive Nationalism
			Westernisation and Tradition
			Daily Life
			Overcoming Modernity
			After Defeat- Re-emerging as a global Economic Power
			China - Establishing the Republic
			The Rise of the Communist Party of China
			Establishing a New Democracy (1949-65)
			Conflicting Visions (1965-78)

Reforms from 1978  
 The Story of Taiwan  
 Two Roads to Modernisation



**ECONOMICS**

UNIT	CHAPTER	SUB TOPIC						
UNIT 1	INTRODUCTION	MEANING						
		SCOPE						
		FUNCTIONS						
		IMPORTANCE OF STATISTICS						
UNIT 2	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						
		OGIVE						
				TIME				
UNIT 3	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 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>	<b>UTILITY</b>	Consumer's equilibrium – meaning of utility,
		<b>MARGINAL UTILITY</b>	marginal utility, law of diminishing marginal
		<b>LAW OF DIMINISHING MARGINAL UTILITY</b>	utility, conditions of consumer's equilibrium
		<b>CONDITIONS FOR CONSUMERS EQUILIBRIUM</b>	using marginal utility analysis.
		<b>INDIFFERENCE CURVE</b>	Indifference curve analysis of consumer's
		<b>CONSUMERS BUDGET</b>	equilibrium-the consumer's budget (budget set
		<b>INDIFFERENCE MAP</b>	and budget line), preferences of the consumer
		<b>DEMAND</b>	(indifference curve, indifference map) and
		<b>LAW OF DEMAND</b>	conditions of consumer's equilibrium.Demand,
		<b>MARKET DEMAND</b>	market demand, determinants of demand,
		<b>DETERMINANT OF DEMAND</b>	demand schedule, demand curve and its slope,
		<b>DEMAND SCHEDULE</b>	movement along and shifts in the demand
		<b>DEMAND CURVE</b>	curve; price elasticity of demand - factors
		<b>SLOPE OF DEMAND CURVE</b>	affecting price elasticity of demand;
		<b>MOVEMENT ALONG THE DEMAND CURVE</b>	measurement of price elasticity of demand –
		<b>SHIFT IN THE DEMAND CURVE</b>	(a) percentage-change method and (b)
		<b>PRICE ELASTICITY OF DEMAND</b>	geometric method (linear demand curve);
		<b>MEASUREMENT OF PRICE ELASTICITY OF DEMAND</b>	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,MA,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 ELASTICITY OF SUPPLY					
		PERCENTAGE CHANGE METHOD					
<b>UNIT 7</b>	FORMS OF MARKET AND PRICE DETERMINATION	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				

**POLITICAL SCIENCE**

MONTH	NO. OF. PDS	CLASS	CHAPTER	SUB TOPIC
<b>May</b>	10	XI /POL.SC. THEORY	PoliticalTheory - Introduction	Introduction
				What is Politics?
				WhatwestudyinPolitics?
				PuttingTheory toPractice
<b>June</b>	8	XI	Freedom	Introduction

		/POL.SC. THEORY		
				The Ideal of freedom
				What is Freedom?
				Constraints and Sources
				Need of Constraints
				Harm Practice
				Negative and Positive Liberty
<b>July</b>	8	XI /POL.SC. THEORY	Equality	Introduction
				Why Equality Matters?
				Natural and Social Inequalities
				Three Dimensions of Equality
				Social Equality
				How can we Promote Equality
				Formal Equality
				Equality through Different Treatment
				Affirmative Action
<b>August</b>	8	XI /POL.SC. THEORY	Social justice	Introduction
				What is justice?
				Equal Treatment for the Equals
				Proportionate justice
				Recognition of Special Needs
				Just distribution
				John Rawl's Theory of Justice
				Pursuing Social Justice
				Free Markets versus State Intervention
<b>August</b>	8	XI /POL.SC. THEORY	Rights	Introduction
				What are rights?

				Origin of Rights
				Legal rights and State
				Kinds of Rights
				Rights and Responsibilities
<b>September</b>	8	XI /POL.SC. THEORY	Citizenship	Introduction
				Full and Equal Membership
				Equal Rights
				Citizen and Nation
				Universal Citizenship
				Global Citizenship
<b>October</b>	8	XI /POL.SC. THEORY	Nationalism	Introduction
				Nations and Nationalism
				shared Belief
				history
				territory
				Shared Political Ideals
				Common Political Identity
				National Self Determination
				Nationalism and Pluralism
<b>November</b>	8	XI /POL.SC. THEORY	Secularism	Introduction
				Inter Religious Domination
				Intra Religious Domination
				Secular state
				The Western Model of Secularism
				The Indian Model of Secularism
				Criticism of Indian Secularism
				Vote bank Politics

<b>December</b>	8	XI /POL.SC. THEORY	Peace	Introduction
				The Meaning of Peace
				Forms of Structured Violence
				eliminating Violence
				Can Violence Promote Peace
				Peace and the State
				Approaches to Pursue Peace
				Contemporary Challenges
<b>January</b>	8	XI /POL.SC. THEORY	Development	Introduction
				Challenge to Development
				The Social Costs of Development
				Environmental costs of Development
				Assessing Development
				Right Claims
				Democratic Participation
				Development and Life Style
<b>May</b>	8	XI /POL.SC. CONSTITU.	Constitution Why and How?	Introduction
				Specification of Decision Making
				Limitation on the Power of Government
				Aspirations and Goals of a Society
				Fundamental Identity of People
				The Authority of Constitution
				Mode of Promulgation
				The Substantive Provisions of a Constitution
				Balanced Institutional Design
				How was the Indian Constitution Made
				Composition of the Constituent Assembly

				The Principle of Deliberation
				Inheritance of the Nationalist Movement
				Institutional Arrangement
<b>June</b>	<b>8</b>		<b>Rights in the Indian Constitution</b>	Introduction
				Importance of Rights
				Bill of Rights
				Fundamental Rights in the Indian Constitution
				DPSP
				FR and DPSP
<b>July</b>	<b>8</b>		<b>Election and Representation</b>	Introduction
				Elections and Democracy
				Election Systems in India
				PFPTP and PR Systems
				Why FPTP System in India
				Reservation of Constituencies
				Free and Fair Elections
				Universal Franchise and Right to Contest
				Independent Election Commission Electoral Reforms
<b>August</b>	<b>8</b>		<b>Executive</b>	Introduction
				What is an Executive?
				Different Types of Executive
				Parliamentary Executive in India
				Power and Position of President
				Prime Minister and Council of Ministers
				Bureaucracy - Permanent Executives
<b>September</b>	<b>8</b>		<b>Legislature</b>	Introduction
				Houses of Parliament and Why?
				Functions of the Parliament
				Lok Sabha- Composition and Functions

				Rajya Sabha – Composition and Function
				Special power of the Rajya sabha
				Law making Process
				Parliamentary Ccontrol on the Executive
				Instruments of Parliamentary Control
				Parliamentary Committees and Functions
				Parliamentary Ccontrol Itself
<b>September</b>	8		Judiciary	Introduction
				Need of Judiciary
				Independence of Judiciary
				Qualification of Judges
				Appointment Procedure and Removal of Judges
				Structure of the Judiciary
				Types of Jurisdiction
				Writs and its Meaning
				Judicial activism
				Judicial and Rights
				Judiciary and Parliament
<b>October</b>	8		Federalism	Introduction
				What is federalism?
				Federalism in the Indian Constitution
				Division of Power
				Federalism with a Strong Central Government
				Conflicts in India's Federal System
				Centre – State Relation
				Demands for Autonomy
				Governor's Role in President's Rule
				Demands for New states
				Inter-State Conflicts



				Special Provision And Jammu and Kashmir
<b>November</b>	8		Local Government	Introduction
				Why Local Government?
				Growth of Local Government in India
				Local government in Independent India
				73rd and 74th Amendment
				Implementation of 73rd and 74th Amendments
<b>December</b>	8		Constitution As A Living Documents	Introduction
				Are Constitutions Static?
				How to Amend the Constitution?
				Special Majority
				Ratification By States
				Why So Many Amendments?
				Basic Structure and Evolution of the Constitution
				Constitution As A Living Document
				Contribution of the Judiciary
				Maturity of the political Leadership
<b>December</b>	5		The Philosophy of the Constitution	Introduction
				Philosophy of Constitution – Meaning
				As a Means to Democratic Transformations
				Why to go back to Constituent Assembly
				Political Philosophy of our Constitution
				Respect for Diversity and Minority Rights
				Universal Franchise and Right to Contest
				Federalism in the Indian Constitution
				National Identity
				Procedural Achievement
				Limitation

## MATHEMATICS

MONTH	CHAPTER NO.	CHAPTER NAME	SUB TOPICS
MAY	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>
JUNE	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>
JULY	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>
AUGUST	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> <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> </ul>

			<ul style="list-style-type: none"> <li>• Random Experiments</li> <li>• Event</li> <li>• Axiomatic Approach to Probability</li> </ul>
<b>FEBRUARY</b>		➤ Revision	Activity Test Annual Exam

## PHSICAL EDUCATION

MONTH	NO. OF PERIODS	CHAPTER NO.	CHAPTER NAME	SUB TOPICS
<b>MAY</b>	16	1	Changing Trends & Career in Physical Education	<b>Meaning &amp; definition of Physical Education</b> <b>Aims &amp; Objectives of Physical Education</b> <b>Career Options in Physical Education</b> <b>Competitions in various sports at national and international level</b> <b>Khelo-India Program</b>
<b>JUNE</b>	10	2	Olympic Value Education	Olympics, Paralympics and Special Olympics Olympic Symbols, Ideals, Objectives & Values of Olympism International Olympic Committee Indian Olympic Association
<b>JULY</b>	18	3	Physical Fitness, Wellness & Lifestyle	Meaning & Importance of Physical Fitness, Wellness & Lifestyle Components of physical fitness and Wellness Components of Health related fitness
<b>AUGUST</b>	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