

# DELHI PUBLIC SCHOOL, JAIPUR CLASS XII 2023-24 SYLLABUS

#### **ENGLISH CORE**

ENGLISH CORE	
MT -1	Mid- Term
<b>Reading Comprehension</b>	Reading Comprehension
Short Writing Tasks	Short Writing Tasks
Notice Writing	Notice Writing
1101110	Long Writing Tasks
<b>Book- Flamingo (Prose)</b>	• Letter to an Editor (giving
The Last Lesson	suggestions or opinion on issues of public
	interest)
<b>Book-Flamingo (Poetry)</b>	Article Writing
<ul> <li>My Mother at Sixty-Six</li> </ul>	<b>Book- Flamingo (Prose)</b>
	Lost Spring
	Deep Water
	Book-Flamingo (Poetry)
	Keeping Quiet
	Book-Vistas (Prose)
	The Third Level
	The Tiger King
<b>MT-2</b>	Term -1
Reading Comprehension	Reading Comprehension
<b>Short Writing Tasks</b>	Short Writing Tasks
• Invitations	Replies to Invitations
	Book- Flamingo (Prose)
<b>Book- Flamingo (Prose)</b>	• Indigo
• Rattrap	Poets and Pancakes
_	Book-Flamingo (Poetry)
Book-Flamingo (Poetry)	A Roadside Stand
• A Thing of Beauty	Book-Vistas (Prose)
	<ul> <li>Journey to the End of the Earth</li> </ul>
	The Enemy
<b>MT-3</b>	PB-1
Reading Comprehension	Reading Comprehension
	Long Writing Tasks
Short Writing Tasks	Report Writing
• Notices	Job Applications
Book- Flamingo (Prose)	Book- Flamingo (Prose)
• The Interview	Going Places
Book-Flamingo (Poetry)	Book-Vistas (Prose)
• Aunt Jennifer's Tigers	On the Face of It
	Memories of Childhood
	Note: All the syllabus covered in MT-
	1,MT-2, MID-TERM,MT-3 and TERM-1
	to be tested in PB-1
	PB-2
	Entire syllabus

## **PHYSICS**

MT - 1	Mid Term Exam
Chapter: 1 Electric Charges and fields	Chapter: 1 Electric Charges and fields Chapter: 2 Electrostatic potential & Capacitance Chapter: 3 Current Electricity
	MT - 2
	Chapter:4 Moving Charges & Magnetism
First Term Exam	MT - 3
Chapter:5 Magnetism & Matter Chapter:6 Electromagnetic Induction Chapter:7 Alternating Current Chapter:8 Electromagnetic Waves	Chapter: 9 Ray Optics & Optical Instruments
Syllabus of MT1, MT2 and Mid Term will also be tested	
PB 1 Chapter: 10 Wave Optics Chapter: 11 Dual nature of Radiation and Matter Chapter: 12 Atoms Chapter: 13 Nuclei Chapter: 14 Semiconductor Electronics  Syllabus of MT1, MT2, MT3, Mid Term and Half Yearly Exam will also be tested	PB 2  Complete syllabus prescribed in the curriculum.

# **CHEMISTRY**

MT - 1	Mid Term Exam
Chapter: 2 Solutions Chapter: 3 Electrochemistry	Chapter: 2 Solutions Chapter: 3 Electrochemistry Chapter: 8 d & f Block Elements
	MT - 2 Chapter:9 Coordination Compounds
First Term Exam	MT - 3
Chapter:10 Haloalkanes & Haloarenes Chapter:11 Alcohol & Phenol	Chapter: 4 Chemical Kinetics
Syllabus of MT1, MT2 and Mid Term will also be tested	
PB - 1 Chapter:12 Aldehyde, Ketone & Carboxylic Acids Chapter: 13 Amines Chapter: 14 Biomolecules  Syllabus of MT1, MT2, MT3, Mid Term and Half Yearly Exam will also be tested	PB - 2  Complete syllabus prescribed in the curriculum.

## **APPLIED MATHEMATICS**

<ul> <li>MT-1</li> <li>Modulo Arithmetic</li> <li>Alligation and Mixture</li> <li>Linear Inequalities</li> </ul>	<ul> <li>MID TERM EXAM</li> <li>All the topics of Unit 1</li> <li>All the topics of Unit 2</li> </ul>
MT-2 Differentiation and Application	<ul> <li>FIRST TERM</li> <li>All the topics of unit 1</li> <li>All the topics of Unit2</li> <li>Differentiation and Application</li> <li>Integral Calculus ( upto Integration by Parts)</li> </ul>
<ul> <li>MT-3</li> <li>Integral Calculus and Application</li> <li>Probability and Probability Distribution</li> </ul>	PB - 1 ENTIRE SYLLABUS
PB - 2	ENTIRE SYLLABUS

## **MATHEMATICS**

CHAPTER -1 Relations and Functions  CHAPTER -2 Inverse Trigonometric Functions	MID TERM EXAM CHAPTER -3 Matrices CHAPTER -4 Determinants CHAPTER -5 Continuity and Differentiability Including the chapters of MT-1
CHAPTER -6 Applications of Derivation	FIRST TERM CHAPTER -7 Integration CHAPTER -8 Applications of Integrals CHAPTER -9 Differential Equations Including the chapters of Mid Term
	PB - 1 CHAPTER -12 Linear Programming Problem (LPP) CHAPTER – 13 Probability Including the syllabus of First Term and MT -2 ENTIRE SYLLABUS

## **BIOLOGY**

MT-1 Ch- 2 Sexual Reproduction in Flowering Plants Ch- 3 Human Reproduction	MID TERM EXAM Ch- 2 Sexual Reproduction in Flowering Plants Ch- 3 Human Reproduction Ch- 4 Reproductive Health Ch- 5 Principle of Inheritance and Variation
MT-2 Ch- 8 Human Health and Disease Ch- 10 Microbes in Human Welfare	FIRST TERM Ch- 6 Molecular Basis of Inheritance Ch- 7 Evolution Syllabus of Mid Term and MT II will be included
MT-3 Ch- 11 Biotechnology- Principles and Processes Ch- 12 Biotechnology and its Applications Ch- 13 Organisms and Populations	PB - 1 Ch-14 Ecosystem Ch-15 Biodiversity and its Conservation Syllabus of First Term and MT III will be included
PB - 2	ENTIRE SYLLABUS

#### **ACCOUNTANCY**

MT - 1	M T 3
Chapter 1- Fundamental of Partnership	Chapter 6- Issue of Shares
MID TERM	PB 1
Chapter 1- Fundamental of Partnership	Chapter 7- Issue of Debentures
Chapter 2- Valuation of Goodwill and Change	PART B
in Profit Sharing Ratio	Chapter 1- Financial Statement
Chapter 3- Admission of a new partner	Chapter 2-Analysis of Financial Statements
	Chapter 3- Ratio Analysis
	Chapter 4- Cash Flow Statement
	(Includeing the previous syllabus)
	PRACTICAL/PROJECT FILE
MT - 2	PB 2
Chapter 3- Admission of a new partner	
Chapter 4- Retirement and death of a partner	ENTIRE SYLLABUS
FIRST TERM EXAM	
Chapter 1- Fundamental of Partnership	
Chapter 2- Valuation of Goodwill and Change in	
Profit Sharing Ratio	
Chapter 3- Admission of a new partner	
Chapter 4- Retirement and death of a partner	
Chapter 5- Dissolution of Firm	

## **BUSINESS STUDIES**

MT-1 Ch 1: Nature and Significance of Management	MID TERM EXAM Ch 1: Nature and Significance of Management Ch 2: Principles of Management Ch 11: Marketing Management
MT-2	FIRST TERM
Ch 3: Business Environment	Ch 1: Nature and Significance of
Ch 4: Planning	Management
	Ch 2: Principles of Management
	Ch 3: Business Environment
	Ch 4: Planning
	Ch 5: Organising
	Ch 11: Marketing Management
MT-3 Ch 6: Staffing Ch 7: Directing	PB - 1 ENTIRE SYLLABUS
PB - 2	ENTIRE SYLLABUS

## **ECONOMICS**

MT-1  Macroeconomics  Unit 1- National Income and Related Aggregates	MID TERM EXAM  Macroeconomics  Unit 1- National Income and Related Aggregates Unit 3 – Determination of Income and Employment
MT-2 Indian Economic Development Chapter 1 - Indian Economy on the Eve of Independence Chapter 2 - Indian Economy (1950 – 1990)	FIRST TERM Indian Economic Development Unit 6 – Development Experience (1947-90) and Economic Reforms since 1991 Chapter 3 – Liberalisation, Privatisation and Globalisation: An Appraisal, Goods and ServicesTax and Demonetisation Unit 7 – Current Challenges facing Indian Economy Chapter 5 – Human Capital Formation Chapter 6 – Rural Development Chapter 7 – Employment Chapter 9 – Environment and Sustainable Economic Development Including Syllabus for MT 1 & 2 and Mid Term
MT-3  Macroeconomics Unit 2 - Money and Banking Unit 4 - Government Budget and the Economy Unit 5 - Foreign Exchange Rate & Balance of Payments Indian Economic Development Unit 8 - Development Experiences of India - A comparison with Neighbours	PB - 1 ENTIRE SYLLABUS
PB - 2	ENTIRE SYLLABUS

## **GEOGRAPHY**

MT - 1	MID TERM
Part A Fundamentals of Human Geography	Part A Fundamentals of Human Geography
	Unit 2:
Unit 1:	Ch4 Human development
Ch 1 Human Geography – Nature and Scope	Part B India and People
Unit 2:	Unit 1:
Ch 2 World – Distribution, density & growth of population	Ch 1 India –Population distribution, density, growth and composition
	Ch 3 Human Settlement
	(MT I syllabus will also be included)
MT - 2	FIRST TERM
Part A Fundamentals of Human Geography	Part A Fundamentals of Human Geography
Unit 3:	Unit 4:
Ch 5 Primary activities	Ch 6 Secondary activities
	Ch 7 Tertiary and quaternary activities
Part B India and People	Part B India and People
Unit 3:	Unit 3:
Ch 5 Land resources	Ch 6 Water resources
	Ch 7 Mineral and energy resources
	(MT 1, MIDTERM & MT 2 syllabus will also be included)
MT - 3	PRE BOARD 1
Part A Fundamentals of Human Geography	Part B India and People
Unit 4:	Unit 4:
Ch 8 Transport and Communication	Ch 10 Transport and Communication
Ch 9 International Trade	Ch 11 International Trade
	Unit 5:
Part B India and People	Ch 12 Geographical perspective on selected issues
Unit 4:	(MT I, MIDTERM, MT 2, I Term & MT3 (syllabus will be
Ch 9 Planning and sustainable development	included)
	PRE BOARD 2
	ENTIRE SYLLABUS

#### **HISTORY**

MT - 1	MID TERM
	Theme 3:
Theme 1:	Kinship, Caste and Class
Bricks, Bones and Beads	Theme 4:
Theme 2:	Thinkers, Beliefs and Buildings
Kings, Farmers and Towns	(MT I syllabus will also be included)
	(N11 1 syllabus will also be included)
MT - 2	FIRST TERM
Theme 6:	<u>Theme 7:</u>
Bhakti –Sufi Traditions	An Imperial Capital: Vijayanagar
	Theme 8:
	Peasants, Zamindars and the State
	Theme 5:
	Through the Eyes of Travellers
	<u>Theme 10:</u>
	Colonialism and The Countryside
	(MT I, MIDTERM & MT 2 syllabus will also be included)
MT - 3	PB - 1
<u>Theme 11:</u>	<u>Theme 13:</u>
Rebels and the Raj	Mahatma Gandhi and the Nationalist Movement
	<u>Theme 15:</u>
	Framing the Constitution
	(MT I, MIDTERM, MT 2, I Term & MT3 (syllabus will be included)
	PB - 2
	ENTIRE SYLLABUS

## POLITICAL SCIENCE

MT - 1	MID TERM
Book-1-	Book-1-
CH-2-End of Bipolarity	CH-4-New Centers of Power.
Book-2-	
CH-1-Challenges of the Nation Building	Book-2-
	CH-3-Politcs of Planned Development
	CH-4-India's Foreign Policy
	Entire syllabus of MT1-WILL BE TESTED
MT - 2	FIRST TERM
Book-1-	Book-1-
CH-5-South Asia and Contemporary World	CH-6-United Nations and its Organisations
Book-2-	CH-7-Securiy in Contemporary World.
CH-5-Party and Party System in India.	Book-2-
CH-6-Democratic Resurgence	CH-7-Regional Aspirations
MT - 3	PB - 1
Book-1	Book-1
CH-8 Environment and Natural Resources	CH-9-Globalisation
Book-2-	Book-2-
CH-9-Indian Politics-Recent Trends and Development.	CH-9-Indian Politics-Recent Trends and Development.
	Entire syllabus of MT1, MID TERM, FIRST TERM & MT2 WILL BE TESTED
	PB - 2
	ENTIRE SYLLABUS

#### **PSYCHOLOGY**

MT - 1	MID TERM
L1- Variations in Psychological attributes	L1- Variations in Psychological attributes
L 2-Self & Personality	L 2-Self & Personality
	L3- Meeting Life Challenges
MT - 2	FIRST TERM
L3- Meeting Life Challenges	L 1- Variations in Psychological attributes
L 4- Psychological disorders	L 2- Self & Personality
	L3- Meeting Life Challenges
	L 4- Psychological disorders
	L 5- Therapeutic Approaches
	(MT I, MIDTERM & MT 2 syllabus will also be included)
MT - 3	PB - 1
L6- Attitude & Social Cognition	L1- Variations in Psychological attributes
-	L 2- Self & Personality
L7- Social Influence and Group Processes	L3- Meeting Life Challenges
	L 4- Psychological disorders
	L 5- Therapeutic Approaches
	L6- Attitude & Social Cognition
	L7- Social Influence and Group Processes
	PB - 2
	ENTIRE SYLLABUS

## **ENTREPRENEURSHIP**

MT-1 Unit 1: Entrepreneurial Opportunity	MID TERM EXAM Unit 1: Entrepreneurial Opportunity Unit 2: Entrepreneurial Planning
MT-2 Unit 3: Enterprise Marketing	FIRST TERM Unit 1: Entrepreneurial Opportunity Unit 2: Entrepreneurial Planning Unit 3: Enterprise Marketing
MT-3 Unit 4: Enterprise Growth Opportunities	PB - 1 ENTIRE SYLLABUS
PB - 2	ENTIRE SYLLABUS

## **COMMERCIAL ARTS**

MT-1  THEORY  RAJASTHANI SCHOOL OF MINIATURE PAINTINGS PRACTICAL- POSTERS AND ILLUSTRATIONS  • PORTFOLLIO ASSESMENT	MID TERM EXAM  THEORY  INDIAN MINIATURES-MUGHAL SCHOOL OF MINIATURE PAINTINGS  PRACTICAL —  POSTERS AND ILLUSTRATIONS  PORTFOLLIO ASSESMENT  SYLLABUS OF MT-1 WILL ALSO BE TESTED
MT-2 THEORY  • PAHARI SCHOOL OF MINIATURE PAINTINGS • DECCAN SCHOOL OF MINIATURE PAINTING  PRACTICAL —  • POSTERS AND ILLUSTRATIONS PORTFOLLIO ASSESMENT	FIRST TERM THEORY  • 1-BENGAL SCHOOL OF PAINTINGS  PRACTICAL  • POSTERS AND ILLUSTRATIONS PORTFOLLIO ASSESMENT  SYLLABUS OF MT-1, MT-2, MIDTERM, WILL ALSO BE TESTED
MT-3 THEORY  • MODERN TREND IN INDIAN ARTS  PRACTICAL –  • POSTERS AND ILLUSTRATIONS PORTFOLLIO ASSESMENT	PB - 1 THEORY  • SYLLABUS OF MT-1, MT 2, MIDTERM AND FIRST TERM AND MT-3 WILL ALSO BE TEST (Entire syllabus)  PRACTICAL • POSTERS AND ILLUSTRATIONS • PORTFOLLIO ASSESMENT
PB - 2	ENTIRE SYLLABUS

# HINDUSTANI MUSIC VOCAL

MT 1	MIDTEDM
MT-1	MIDTERM
Theory:	Theory:
<ul> <li>Life sketch of Ustad Faiyaz Khan</li> </ul>	<ul> <li>Life sketch of Ustad Faiyaz Khan</li> </ul>
Brief study of Alankar, Kan, Meend	Definitions- Khatka, Murki, Gamak,
·	Time Theory of Raga
Practical:	, ,
Raga- Bhairav	Practical:
Taal –Rupak,	Raga- Bageshree, Bhairav
· · · · · · · · · · · · · · · · · · ·	Taal Jhap,Rupak
	Taal –Jhaptal,
MT-2	First Term
Theory:	Theory:
Life sketch of Ustad Bade Gulam Ali	<ul> <li>Life sketch of Pt.Krishan Rao</li> </ul>
Khan	Shankar Pandit
Sangeet Ratnakar	Tuning of Tanpura
Definitions-Gram, Murchhana,	Sangeet Parijat
Alap, Tana	Practical:
Practical:	Dhamar
Raga- Malkuns	Syllabus of MT-1,Midterm and MT-2
Taal-Dhamar	Syndous of WIT 1, Wildlerin and WIT 2
Tuui Diiuliidi	
MT-3	PB – 1 & PB - 2
Practical: Tarana ,Raga &Taal Practice,&	Entire Syllabus
Revision	Entire Synabus
INCVISION .	

## INFORMATICS PRACTICES

MT-1	MID TERM EXAM Chapter 1: Data Handling Using Pandas - I
Chapter 1: Data Handling Using Pandas - I	DataFrame
Pandas	Chapter 5: Societal Impacts
Series	5.1 Introduction
	5.2 Digital Footprints
	5.3 Net and Communication Etiquettes
	Syllabus covered in MT1 also included
MT-2 Chapter 1: Data Handling Using Pandas - I CSV File Chapter 2: Data Visualization using Matplotlib	FIRST TERM Chapter 6: Societal Impacts 5.4 Data Protection 5.5 IPR 5.6 Plagiarism 5.7 Licensing and Copyrighting 5.8 Cybercrime 5.9 Cyber Law and IT Act 2000 5.10 E-waste Management 5.11 Health Concerns Related to Overuse of Technology Chapter 3: Data Query using SQL 3.1 Introduction 3.2 Functions of MYSQL
	3.3 Single Row Function Revision: Chapter 1: Data Handling Using Pandas - I Syllabus covered in MT1, MID TERM and MT2 also included
MT-3 Chapter 3: Data Query using SQL 3.4 Multiple Row Function 3.5 Sorting in SQL – Order By 3.6 Group By 3.7 Aggregate Function and Conditions on Groups	PB - 1 ENTIRE SYLLABUS
Chapter 4: Computer Networks	
PB - 2	ENTIRE SYLLABUS

## **PHYSICAL EDUCATION**

MT - 1 UNIT-I MANAGEMENT OF SPORTS EVENTS	MID TERM EXAM  UNIT-I MANAGEMENTOF SPORTS EVENTS  UNIT —II CHILDREN AND WOMEN IN SPORTS  UNIT — III YOGA AS PREVENTIVE MEASURES FOR  LYFESTYLE DISEASE
MT-2  UNIT –IV PHYSICAL EDUCATION AND SPORTS FOR CWSN (CHILDREN WITH SPECIAL NEEDS-DIVYANG UNIT –V SPORTS AND NUTRITION  MT - 3  UNIT – VIII BIOMECHANICS AND SPORTS UNIT – IX PSYCHOLOGY AND SPORTS	FIRST TERM  UNIT-I MANAGEMENTOF SPORTS EVENTS UNIT — II CHILDREN AND WOMEN IN SPORTS UNIT — III YOGA AS PREVENTIVE MEASURES FOR LYFESTYLE DISEASE UNIT — IV PHYSICAL EDUCATION AND SPORTS FOR CWSN (CHILDREN WITH SPECIAL NEEDS-DIVYANG UNIT — V SPORTS AND NUTRITION UNIT — VI TEST AND MEASUREMENT IN SPORTS UNIT — VII PHYSIOLOGY AND INJURIES IN SPORTS
PB - 1 Chapter- I to X ENTIRE SYLLABUS	PB - 2 Chapter –I to X ENTIRE SYLLEBUS