

Delhi Public School Panipat Refinery

Session: 2022-23

Class – XI

Syllabus for the Second Term Examination

English

Reading	Unseen Passages Note Making & Summary
Writing & Grammar	Poster Writing Classified Speech Writing Debate Writing Determiners Tenses Clause (Grammar will be tested in integrated form)
Literature	A Photograph (Poem) The Laburnum Top (Poem) Father to Son (Poem) Childhood (Poem) The Voice of the Rain (Poem) The Portrait Of a Lady We are not afraid to die Discovering Tut- the Saga Continues The Adventure Birth The Address The Summer of a Beautiful White Horse Mother's Day

Physics

Ch.No.	Chapter Name
2.	Units & Measurements
3.	Motion in a Straight Line
4.	Motion in a Plane
5.	Laws of Motion
6.	Work, Energy and Power
7.	System of Particles & Rotational motion
8.	Gravitation
9.	Mechanical Properties of Solids
10.	Mechanical Properties of Fluids
11.	Thermal Properties of Matter

Chemistry

Ch.No.	Chapter Name
1	Some Basic Concepts of Chemistry
2	Structure of Atom
3	Classification of Elements and Periodicity in Properties
4	Chemical Bonding and Molecular Structure
6	Chemical Thermodynamics
7	Equilibrium
8	Redox Reactions
12	Organic Chemistry: Nomenclature

Mathematics

Ch.No.	Chapter Name
1.	Sets
2.	Relations and Functions
3.	Trigonometric Functions
4.	Complex Numbers
5.	Linear Inequalities
6.	P & C
7.	Sequences and Series
8.	Straight Lines
9.	Conic Sections
10.	Limits and Derivatives
11.	Introduction to 3D

Biology

Ch.No.	Chapter Name
1	The Living World
2	Biological Classification
3	Plant Kingdom
4	Animal Kingdom
5	Morphology of Flowering Plants
6	Anatomy of Flowering Plants
7	Structural Organisation in Animals

8	Cell: The unit of Life
9	Biomolecules
10	Cell Cycle and Cell Division
13	Photosynthesis in Higher Plants

Accountancy

Ch.No.	Chapter Name
1	Basic Theory
2	Vouchers
3	Accounting Equation
4	Journal
5	Journal with GST
6	ledger
7	Trial Balance
8	Cash Book
9	Other subsidiary books
10	BRS
11	Rectification of Errors
12	Financial statements with and without adjustment

Business Studies

Ch.No.	Chapter Name
1	Business, Trade and Commerce
2	Forms of Business organisations
3	Private, Public and Global Enterprises
4	Business Services
5	Emerging Modes of Business
6	Social responsibilities of Business and Business Ethics
7	Formation of a Company
8	Sources of Business Finance
9	Small Business and Entrepreneurship

Economics

S.No.	Chapter Name
Unit 1(Part A)	Introduction
Unit2(Part A)	Collection, Organization and Presentation of data

Unit3(Part A)	Statistical Tools & Interpretation – Measures of Central Tendency: Mean, Median & Mode
Unit4(Part B)	Introduction
Unit5(Part B)	Consumer Equilibrium & Demand
Unit6(Part B)	Producer Behaviour & Supply

Geography

Part A Chapter No.	Fundamentals of Physical Geography (Name of the Chapters)
4.	Distribution of Oceans & Continents
6.	Geomorphic processes
7.	Landforms & Their Evolution
8.	Composition & Structure Of Atmosphere
9.	Solar Radiation Heat Balance & Temperature
10.	Atmospheric Circulation & Weather Systems
11.	Water in the Atmosphere
12.	World Climate & Climate Change
Part B Chapter No.	India: Physical Environment (Name of the Chapters)
2.	Structure & Physiography
3.	Drainage system
4.	Climate
5.	Natural Vegetation
	Map work.

Psychology

Chapter Number	Chapter Name
Chapter-1	What is Psychology?
Chapter-2	Methods of Enquiry in Psychology
Chapter-4	Human Development
Chapter-5	Sensory, Attentional and Perceptual Processes
Chapter-6	Learning
Chapter-7	Human Memory
Chapter-9	Motivation and Emotion

Computer Science

S.No.	Chapter Name
1	Data Representation
2	Boolean Logic
3	Getting Started with Python
4	Python Fundamentals
5	Data Handling
6	Flow of Control
7	String Manipulation
8	List Manipulation
9	Tuples

Typography and Computer Applications

S.No.	Chapter Name
Employability Skills	
1	Self Management Skills
2	Communication Skills
3	ICT Skills
Subject Specific skills	
1	Introduction to Typography
2	Keyboard Operations
3	Computer Hardware
4	Windows Operating System
5	MS Word

Painting

Unit	Chapter Name
1	(a) Six Limbs of Indian painting and Fundamentals of Art (Elements and Principles) (b) Pre-Historic Rock Paintings and Art of Indus valley
2	(a) Buddhist, Jain and Hindu Art (b) Art of Ajanta

Physical Education

Unit	Chapter Name
1	Changing Trends & Career in Physical Education
2	Olympism
3	Yoga
4	Physical Education for CWSN (Children with Special Needs – Divyang)

5	Physical Health, Fitness & Wellness
6	Test, Measurement and Evaluation
9	Psychology & Sports
10	Training and Doping in Sports

Mathematics (Optional/Additional)

Ch.No.	Chapter Name
1	Sets
2	Relations and Functions
3	Trigonometric Functions
4	Complex Numbers and Quadratic Equations
5	Linear Inequalities
6	Permutations and Combinations
7	Sequences and Series
8	Straight Lines
9	Conic Sections
10	Limits and Derivatives
11	Introduction to 3D

Applied Mathematics

S. No.	Chapter Name
1.	Numbers
2.	Indices and Logarithms
3.	Quantitative Aptitude
4.	Mensuration
5.	Sets and Relations
6.	Permutations and Combinations
7.	Sequences and Series
8.	Mathematical Reasoning
9.	Functions
10.	Limits and Continuity
11.	Differentiation