Delhi Public School Numaligarh
Syllabus Bifurcation
Session: 2024-25
Class XI: Science

Class: XI   **Scheme of Work: 2024-25**   **Sub: English**

S.N	Month	No. of ID	Hornbill	Writing
2	May-2024	25	The Portrait of a Lady A Photograph We're Not Afraid to Die… if We Can All be Together	Posters Advertisement
3	June-2024	13	Discovering Tut: the Saga Continues The Laburnum Top	Note Making
4	July-2024	07	The Voice of the Rain	Note Making
5	Aug-2024	25	Childhood The Adventure	Debate Writing
6	Sep-2024	19	The Summer of the Beautiful White Horse The Address Revision	Speech Writing
7	Oct-2024	21	Silk Road Father to Son	
			Snapshots	
8	Nov-2024	20	Mother's Day	
9	Dec-2024	09		Note making
10	Jan-2025	23	Birth The Tale of Melon City	
11	Feb-2025	22	Revision	
12	March-2025	19	Examination	

Portion for Assessments-2024-25

PT-1	The Portrait of a Lady A Photograph We're Not Afraid to Die… if We Can All be Together Discovering Tut: the Saga Continues	Notice Posters	Comprehension
Half Yearly Exam	We're Not Afraid to Die… if We Can All be Together Discovering Tut: the Saga Continues The Laburnum Top Landscape of the Soul The Voice of the Rain The Ailing Planet: the Green Movement's Role Childhood The Adventure The Browning Version	Notice Posters Speech Writing Report Writing	Comprehension Note Making
PT-2	Silk Road Father to Son The Summer of the Beautiful White Horse The Address	Notice Posters	Comprehension Note Making
Annual Exam	Full Syllabus		

Projects/Subject Enrichment Activities

Month	Activity	Objective/s	Details & Evaluation
Aug-Sept 2024	Assessment of Speaking and Listening	• To listen to lectures and talks and to be able to extract relevant and useful information for a specific purpose • To develop the art of formal public speaking	A Listening Skill test and a Speaking Skill test will be conducted
June 2024	Project	• To listen to a podcast and write a report or Debate on the chosen topic	As per CBSE guidelines

Class: XI (Science)   **Scheme of Work: 2024-25**   **Subject: Physics**

S.N	Month	No of ID	NCERT Physics Textbook (Part –I & Part –II)	Practical / Activity
1	May- 2024	25	Chapter -2:Units and Measurements Chapter-3:Motion in a straight line	Lab on Vernier calipers
2	June-2024	13	Cont. Chapter -3 : Motion in a Straight Line Chapter -4: Motion in a plane	Lab on Screw gauge
3	July -2024	7	Cont. Chapter - 4 : Motion in a Plane	Lab on Spherometer
4	August- 2024	25	Chapter - 5 : Laws of Motion. Chapter - 6 :Work ,Energy and Power Chapter - 7 : System of Particles and Rotational Motion	Lab on(i) Parallelogram law of vectors (ii) Beam balance (iii) Simple Pendulum
5	September- 2024	19	Chapter -8 : Gravitation Chapter- 9 : Mechanical Properties of Solids	Lab on (i) Searle's app (To find Y) (iii) Helical Spring (To find Force Constant)
6	October -2024	21	Chapter-10 :Mechanical Properties of Fluids Chapter-11 : Thermal Properties of Matter	To find (i) Terminal velocity (ii) Co efficient of Viscosity.
7	November -2024	20	Cont'd Chapter-11 :Thermal Properties of Matter Chapter-12 :Thermodynamics	Lab on Sonometer -I
8	December -2024	9	Chapter-13 : Kinetic Theory Chapter-14 : Oscillations	Lab o Sonometer- II
9	January- 2025	23	Cont'd Chapter-14 : Oscillations Chapter-15 : Waves	Lab on Resonance Apparatus , Investigatory Projects
10	February -2025	22	Cont'd Chapter-15 : Waves Revision	Investigatory Projects
11	March- 2025	19	Annual Exam	

Portion for Assessments – 2024-25

PT-1	Chapters 2 ,3,4 : Units and Measurements ,Motion in a Straight Line, Motion in a plane
Half yearly	Chapters 2,3,4,5,6 : Physical World ,Units and Measurements ,Motion in a Straight Line ,Motion in a Plane ,Laws of Motion, Work ,Energy and Power.
PT-2	Chapters 7,8,9,10,11: System of particles and rotational motion, Gravitation ,Mechanical Properties of Solids ,Mechanical Properties of Fluids ,Thermal Properties of Matter
Annual Exam	Full Syllabus

Syllabus break up /Scheme of Work : 2024-25

Class : XI   **Subject: Chemistry**

S.N	Month	No of ID	Chapters	Practicals/Activities
1.	April	8	Chapter-1: Some basic concepts of chemistry	-------------
2	May 2024	25	Chapter-1: Some basic concepts of chemistry Chapter2: Structure of atoms.	• Basic laboratory techniques-cutting and rounding of edges of glass tube,making jets etc • Inorganic salt analysis
3	June2024	13	Chapter2: Structure of atoms(cont'd)	• Inorganic salt analysis
4	July 2024	7	Chapter3: Classification of elements and periodicity in properties.	• Inorganic salt analysis
5	August 2024	25	Chapter3: Classification of elements and periodicity in properties(cont'd). Chapter4: Chemical bonding and molecular structure	• Inorganic salt analysis.
6	September 2024	19	Chapter4: Chemical bonding and molecular structure(cont'd) Chapter8: Redox reactions.	Acid-base Titration-to find the strength of NaOH solution by titrating against a standard solution of oxalic acid .
7	October 2024	21	Chapter12: Organic chemistry-some basic principles and techniques. Chapter13:Hydrocarbons	Acid-base titration- to find the strength of Hcl by titrating against a standard solution of sodium carbonate.
8	November 2024	20	Chapter13:Hydrocarbons-(cont'd) Chapter6:-Thermodynamics	Detection of extra element in the organic sample.
9	December 2024	9	Chapter6:-Thermodynamics(cont'd)	Detection of extra element in the organic sample.
10	January 2025	23	Chapter7: Equilibrium.	Detection of extra element in the organic sample.
11	February 2025	22	Chapter7: Equilibrium(cont'd)+ Revision work	Preparation of inorganic crystals
12	March 2025	19	Annual Examination	Annual Practical Examination

Portion for Assessments : 2024-25

Examinations	Chapters for Assessments	Practicals
PT-1	1. Chapter-1: Some basic concepts of chemistry 2. Chapter2: Structure of atoms.	----------
Half yearly	1. Chapter-1: Some basic concepts of chemistry 2. Chapter2: Structure of atoms. 3. Chapter3: Classification of elements and periodicity in properties. 4. Chapter4: Chemical bonding and molecular structure. 5. Chapter12:Organic chemistry-some basic principles and techniques. 6. Chapter8: Redox reactions	Practical(30 marks) 1. Salt analysis 2. Titration
PT-2	1. Chapter13: Hydrocarbons. 2. Chapter6:- Chemical Thermodynamics 3. Chapter7: Equilibrium.	--------
Annual	NCERT Syllabus/Full Syllabus	Practical(30 marks) Full syllabus

Class: XI (Science) **Scheme of Work: 2024-25** **Subject: Biology (044)**

S.N	Month	No of ID	Chapters	Practical /activities
1	April 2024	8	Chapter-1: The Living World Chapter-2: Biological Classification	
2	May 2024	25	Chapter-3: Plant Kingdom Chapter-4: Animal Kingdom Chapter-5: Morphology of flowering plants	
3	June2024	13	Chapter-5 **Cont'd**: Morphology of flowering plants Chapter-6: Anatomy of flowering plants	*Study of flower and Spotting.
4	July 2024	7	Chapter-6: Anatomy of flowering plant	
5	August 2024	25	Chapter-7: Structural Organisation in Animals Chapter-8: Cell-The Unit of Life Chapter-9: Biomolecules	*Preparation and study of T.S of Dicot and monocot root and stem and Spotting. *Study of osmosis by potato osmometer.
6	September 2024	25	(**Continuation**)Chapter-9: Biomolecules Chapter-10: Cell cycle and Cell Division.	*Study of Plasmolysis and spotting.
7	October 2024	16	Chapter-13: Photosynthesis in higher plants Chapter-14: Respiration in Plants Chapter-15: Plant growth and development	*Study of Distribution of stomata on lower and upper epidermis of a leaf and spotting.
8	November 2024	20	Chapter-17: Breathing and exchange of gases Chapter-18: Body fluid and circulation Chapter-19: Excretory products and their	*Comparative study of rate of transpiration in the upper and lower surface of leaves and spotting.
9	December 2024	9	Chapter-19 **Cont'd**: Excretory products and their Elimination Chapter-20: Locomotion and Movement	*Test for presence of sugar, starch, proteins and fats in plant and animal material.
10	January 2025	22	Chapter-21: Neural Control and co-ordination Chapter-22: Chemical control and coordination.	*Separation of plant pigment through paper chromatography and Spotting
11	February 2025	22	Revision	*Study of rate of respiration/ Spotting *Test for presence of sugar, urea, albumin and bile salts in urine.
12	March 2025	19	Revision and annual examination	

Portion for Assessments – 2024-25

PT-1	Chapter-1: The Living World Chapter-2: Biological Classification Chapter-3: Plant Kingdom

	Chapter-4: Animal Kingdom
	Chapter-5: Morphology of flowering plants
Half yearly	Chapter-1: The Living World
	Chapter-2: Biological Classification
	Chapter-3: Plant Kingdom
	Chapter-4: Animal Kingdom
	Chapter-5: Morphology of flowering plants
	Chapter-6: Anatomy of flowering plants
	Chapter-7: Structural Organisation in Animals
	Chapter-8: Cell-The Unit of Life
	Chapter-9: Biomolecules
	Chapter-10: Cell cycle and cell division.
	Chapter-13: Photosynthesis in higher plants
PT-2	Chapter-14: Cellular Respiration
	Chapter-15: Plant growth and development
	Chapter-16: Digestion and absorption
	Chapter-17: Breathing and exchange of gases
	Chapter-18: Body fluid and circulation
Annual Exam	Full Syllabus

Projects/Subject Enrichment Activities

Month	Activity	Objective	Details/Evaluation
May-2024	Practical and Record work on	Enable students to understand to perform experiments based on theory	As per CBSE syllabus Practical Record keeping
August-2024	Practical and Record work on	Enable students to understand to perform experiments based on theory	As per CBSE syllabus Practical Record keeping
September 2024	Practical and Record work Final Investigatory Project based on research and review of literature.	Enable students to understand by way of field visit Enable students to understand byway of experiential learning in investigatory approach	As per CBSE syllabus Practical Record keeping and investigatory report preparation
October 2024	Field Study to educational institutions/sites.	Enable students to get idea on practical experiences, advanced learning and scopes of higher studies.	

Class: XI-A **Scheme of Work: 2024-25** **Sub: Computer Science**

S.N	Month	No. of ID	Computer Science with Python-Sumita Arora

1	**may**	18	**Unit 1- Computer System and organization**
			  Section-1: basic computer organization
			  Section-2: Types of software
			  Section-3: Operating System (OS)
			  Section-4: Boolean logic

1	**June-July**	20	**Unit 1- Computer System and organization**
			  Section-5: Number Systems
			  Section-6: Encoding Schemes
			Unit 2- Computational Thinking and Programming – 1
			  Section-1: Introduction to Problem solving

2	**Aug**	25	**Unit 2- Computational Thinking and Programming – 1**
			  Section-2: Familiarization with the basics of Python programming
			  Section-3: Knowledge of Data Types
			  Section-4: Operators & Expressions
			  Section-5: Errors
			  Section-6: Flow of control, Conditional Statements

3	**Sep**	19	**Unit 2- Computational Thinking and Programming – 1** Section-7: Iterative Statements

4	**Oct**	21	**Unit 2- Computational Thinking and programming-1**
			  Section-8: Strings
			  Section-9: Lists
			  Section-10: Tuples

5	**Nov**	20	**Unit-2 Computational Thinking and programming-1**
			  Section-11: Dictionary
			  Section-12: Introduction to Python modules

6	**Dec**	09	Revision

7	**Jan**	23	**Unit-3 Society, Law and Ethics**
			   Section-1: Digital Footprints
			   Section-2: Digital Society and Netizen
			   Section-3: Data Protection
			   Section-4: Cyber Crime
			   Section-5: Cyber Safety

				Section-6: Safely accessing Websites Section-7: E-waste management Section-8: Indian Information Technology Act(IT Act) Section-9: Technology & Society
8	**Feb**	23	**Revision, Practical & Project Work**	
9	**Mar**		**Annual Examination**	

Portion for Assessments-2024-25

PT-1	Unit 1- Computer System and organization
Half Yearly Exam	Unit 1- Computer System and organization Unit-2 Computational Thinking and programming(Section-1 to 7)
PT-2	Unit 2- Computational Thinking and programming(Secton-8 to Section-12)
Annual Exam	Complete Syllabus

Projects/Subject Enrichment Activities

Month	Activity	Objective/s	Details & Evaluation
July & Aug-2024	Preparation of flowchart	Understand the concept , purpose, design and process of doing flowchart,	Clarity, step- by -step mapping of all process
Nov-2024	Find the largest and smallest numbers in a list, find whether string is a palindrome, compute GCD and LCM Annual Project on any user friendly applications	Enable students to develop idea on programming skill Enable students to develop application, used in real life using python	Logic, documentation/indentation and output presentation:

Sl.No.	MONTH	No. of ID	TOPICS/UNITS to be covered
1.	May-2024	15	**Sets** Sets and their representations, Empty set, Finite and Infinite sets, Equal sets, Subsets, Subsets of a set of real numbers especially intervals (with notations),Universal set, Venn diagrams, Union and Intersection of sets, Difference of sets, Complement of a set, Properties of Complement.
2.	June-2024	13	**Relations & Functions:** Ordered pairs. Cartesian product of sets. Number of elements in the Cartesian product of two finite sets. Cartesian product of the set of reals with itself (upto R x R x R).Definition of relation, pictorial diagrams, domain, co-domain and range of a relation. Function as a special type of relation. Pictorial representation of a function, domain, co-domain and range of a function. Real valued functions, domain and range of these functions, constant, identity, polynomial, rational, modulus, signum, exponential, logarithmic and greatest integer functions, with their graphs. Sum, difference, product and quotients of function
			Trigonometric Functions: Positive and negative angles. Measuring angles in radians and in degrees and conversion from one measure to another. Definition of trigonometric functions with the help of unit circle. Truth of the identity $\sin^2x + \cos^2x = 1$, for all x. Signs of trigonometric functions.
3.	July-2024	7	**Trigonometric Functions:** Domain and range of trigonometric functions and their graphs. Expressing $\sin(x\pm y)$ and $\cos(x\pm y)$ in terms of sinx, siny, cosx & cosy and their simple applications. Deducing identities like the following: $\tan(x \pm y)$ $\cot(x \pm y)$ $\sin\alpha \pm \sin\beta$ $\cos\alpha + \cos\beta$ $cos\alpha - cos\beta$ Identities related to sin2x, cos2x, tan2 x, sin3x, cos3x and tan3x.
4.	August-2024	25	**Complex Numbers and Quadratic Equations:** Need for complex numbers, especially$\sqrt{-1}$, to be motivated by inability to solve some of the quadratic equations. Algebraic properties of complex numbers. Argand plane
			Linear Inequalities: Linear inequalities. Algebraic solutions of linear inequalities in one variable and their representation on the number line.
			REVISION FOR P.T-1

Sl.No.	MONTH	No. of ID	TOPICS/UNITS to be covered
4.	**September-2024**	19	**Permutations and Combinations:** Fundamental principle of counting. Factorial n. (n!) Permutations and combinations, derivation of Formulae for ^nP_r and ^nC_r and their connections, simple applications.
			Binomial Theorem: Historical perspective, statement and proof of the binomial theorem for positive integral indices. Pascal's triangle, simple applications.
5.	**October-2024**	21	**Sequence and Series:** Sequence and Series. Arithmetic Mean (A.M.) Geometric Progression (G.P.), general term of a G.P., sum of n terms of a G.P., infinite G.P. and its sum, geometric mean (G.M.), relation between A.M. and G.M.
			Straight Lines: Brief recall of two dimensional geometry from earlier classes, Slope of a line and angle between two lines,Various forms of equations of a line: parallel to axis, point -slope form, slope-intercept form, two-point form, intercept form, Distance of a point from a line. **REVISION FOR HALF YEARLY EXAM**
6.	**November-2024**	20	**Conic Sections:** Sections of a cone: circles, ellipse, parabola, hyperbola, a point, a straight line and a pair of intersecting lines as a degenerated case of a conic section. Standard equations and simple properties of parabola, ellipse and hyperbola. Standard equation of a circle
			Introduction to Three-dimensional Geometry: Coordinate axes and coordinate planes in three dimensions. Coordinates of a point. Distance between two points.
			Limits and Derivatives: Derivative introduced as rate of change both as that of distance function and geometrically. Intuitive idea of limit. Limits of polynomials and rational functions, trigonometric, exponential and logarithmic functions. Definition of derivative relate it to scope of tangent of the curve
8.	**December-2024**	9	**Limits and Derivatives:** Derivative of sum, difference, product and quotient of functions. Derivatives of polynomial and trigonometric functions
			Statistics: Measures of Dispersion: Range, Mean deviation, variance and standard deviation of ungrouped/grouped data.

Sl.No.	MONTH	No. of ID	TOPICS/UNITS to be covered
9.	January-2025	23	**Probability:** Events; occurrence of events, 'not', 'and' and 'or' events, exhaustive events, mutually exclusive events, Axiomatic (set theoretic) probability, connections with other theories of earlier classes. Probability of an event, probability of 'not', 'and' and 'or' event Revision for PERIODIC TEST-II
10.	February-2025	22	**Revision for Annual Exam**

Portion for Assessment-2023-'24

Periodic Test-1	Chapter1:Sets Chapter2:Relations and Functions Chapter3:Trigonometric Functions Chapter 5:Complex Number Chapter6: Linear Inequality
Half Yearly exam	Chapter1:Sets Chapter2:Relations and Functions Chapter3:Trigonometric Functions Chapter 5:Complex Number Chapter6: Linear Inequality Chapter 7: Permutations and Combinations Chapter 8: Binomial Theorem Chapter 9: Sequence and Series Chapter 10: Straight Lines
Periodic Test-2	Chapter-11 Conic Sections Chapter-12 Introduction to Three-dimensional Geometry Chapter-13 Limits and Derivatives Chapter-14 Statistics
Annual Exam	Full Syllabus

Activities to be performed during the year:

1. To distinguish between a relation and a function.

2. To find the number of subsets of a given set and verify that if a set has n elements , then total number of subsets is 2^n.

3. To verify that for two sets A and B, n(AXB)=p q and the total number of relations from A to B is 2^{pq}.

4. To construct a Pascal's Triangle and to write binomial expansion for a given positive integral exponent.

5. Permutations and Combinations: To find number of ways in which three card can be selected from five cards.

6. To find analytically $\lim_{x \to c} \dfrac{x^2 - c^2}{x - c}$

7. To verify the equation of line passing through the intersection of two given lines is of the form $a_1x+b_1+y+c_1+\alpha(a_2x+b_2y+c_2)=0$.

8. To write the sample space when the coin is tossed twice, thrice, four times and so on.

9. To find the number of combinations that is the number of selection of 'r' things out of 'n' things, where $n \geq r$.

10. To demonstrate that the arithmetic Mean of two positive numbers is always greater than the geometric mean.
   - The activities performed by the student throughout the year and record keeping:**5 marks**

   - Assessment of the activity performed during the year end test:**3 marks**

   - Viva voce:**2 marks**

Sl.no	Month	No of Instructional Days	Statistics for Economics	Introductory Microeconomics
01	May 7TH	24	Unit 1: Introduction	Unit: 4 : Introduction
02	June & July	11+ 7=18	Unit 2: Collection, Organisation & Presentation of Data	Unit 4: Central problems of an economy
03	August	25	Unit 3: Measures of Central tendency:	Unit 5: Consumer's Equilibrium & Demand : Cardinal utility analysis.
04	September	15	Unit 3: Measures of Central tendency:	Unit 5: Consumer's Equilibrium & Demand :
05	October	21	Unit 3: Correlation	Unit 6: Producer behaviour and Supply
06	November	20	Unit 3: Correlation	Unit 6: Producer behaviour and Supply
07	December	09	Unit 3: Introduction to Index Numbers	Unit 7: Forms of Market & Price determination Under Perfect Competition with simple applications.
08	January (2025)	23	Unit 3: Introduction to Index Numbers	Unit 7: Forms of Market & Price determination Under Perfect Competition with simple applications.
09	February, 2025	22	Revision	Revision
SUBJECT MAGAZINE FOR HALF YEARLY FOR EVALUATION OF 20 MARKS: 23/07/24 (Internal assessment)/ presentation				
PROJECT AS PER CBSE GUIDELINES , SUBMISSION ON 04/11/2024(Annual, Project viva), Viva will be conducted / Presentation				
PORTION FOR ASSESSMENT				
09	June	19/6/24–23/6/24	PT 1: (Unit 1, 2)	Unit: 4
10	Sept	21/9/24 – 30/9/24	HY: Unit: 1,2,3	Unit: 4,5
11	March	01/03/25–10/03/25	AE: Unit: 1,2,3	Unit: 4,5,6,7

CRITERIA FOR PROJECT WORK/ SUBJECT MAGAZINE

Month	Activity	Objective	Details & Evaluation	Submission
April /May	Choose Topic Collection of data/material	➢ Probe deeper into theoretical concepts learnt in classes. ➢ Demonstrate the learning of economic theory ➢ Follow up aspects of economics in which learners have interest.	➢ Relevance of the topic - 3	
June	Organisation of data/material Presentation of data/material		➢ Research work-6	
August-	Analysing the material/data for conclusion		➢ Presentation-3	Magazine (Class –XI & XII). Both have to submit (23/7/24)
October	Draw conclusion		➢ Viva-voce-8	
December	Presentation of the project			
July/ October/November	Project Submission	For Half Yearly- Date mention	For Annual /CBSE	Project (Class – XI & XII). Both have to Submit.(23/7/24)

Class: XI HUM   **Scheme of Work: 2024-25**   **Sub: Geography**

S.N	Month	No. of ID	Fundamentals of Physical Geography	India: Physical Environment	Practical work
1	**May 2024**	25	Geography as a discipline (L 1) **The Origin and Evolution of the Earth (L 2)**		Introduction to maps Map Scale
2	**June 2024**	15	Interior of the Earth (L 3) Distribution of Oceans and Continents(L 4)		Latitude, Longitude and Time
3	**July-2024**	06		India — Location (L 1)	
	Aug-2024	24	Geomorphic Processes (L 6)	**Structure and Physiography (L 2)** Drainage System (L 3)	**Map Projections**
5	**Sep-2024**	16	**Landforms and their Evolution (L7)**		**Map Projections Topographical Maps**
6	**Oct-2024**	20	Composition and Structure of Atmosphere (L 8) Solar Radiation, Heat Balance and Temperature (L 9)		**Topographical Maps**
7	**Nov-2024**	23	**Atmospheric Circulation and Weather Systems (L 10)** Water in the Atmosphere (L 11)	**Climate (L 4)**	Introduction to Aerial Photography
8	**Dec-2024**	09	**World Climate and Climate Change (L 12) (Holiday Home work)**	Natural Vegetation (L 5)	Introduction to remote sensing
9	**Jan-2025**	21	Water (Oceans) (L 13) Movements of Ocean Water (L 14)		
10	**Feb-2025**	24	Life on the Earth (L 15) Biodiversity and Conservation (L 16)	Natural Hazards and Disasters	
11	**March-2025**	19			

Portion for Assessments-2024-25

PT-1 (August)	Half Yearly Exam	PT-2	Annual Exam
Fundamental of Physical Geography: L 1,2 & 3	Fundamental of Physical Geography: Unit I, II and III (L 1 to 6) India: Physical Environment: L 1,2 & 3	Fundamental of Physical Geography: L 7 India: Physical Environment: L 5	Full syllabus

Scheme of Work: 2024-'2025

Class: XI　　　　　　　　　　　　　　　　　　　　　　**Sub: Painting (Theory & Practical)**

S.N	Month	No. of Days	Hsitory of Indian art by Devender Kumari
1	April-2024	18	**Unit 1 (a) - Pre historic rock painting:** Scection-1: Introduction pre-historic rock painting Section-2: Period and location Section-3: Study of the rock Paintings
2	May-2024	25	**(b) Art of Indus Valley:** Section-1: Period and Location Section-2: Study of Sculptures and Terracotta's Section-3: Study of the Seal
3	June-2024	18	**Unit 2 Buddhist, Jain and Hindu Art:** Section-1: Introduction to art during Mauryan,Shunga Section-2: Study of the Sculptures
4	July-2024	08	**Buddhist, Jain and Hindu Art:** Section-2: Study of the Sculptures (continue)
5	August-2024	26	**Introduction of Ajanta Art:** Location, Period, subject matter and technique. No. of Caves, Paintings and Sculptures
6	September-2024	25	**Unit 3** **A. Temple Sculptures:** Section – 1: Artistic aspects of Indian Temple sculpture Section – 2: Introduction of Temple Sculpture Section – 3: Study of the Sculptures
7	October-2024	22	**B. Bronzes:** Section – 1**:** Introduction to Indian Bronzes Section – 2: Method of casting Section – 3: Study of the south Indian Bronzes
8	November-2024	23	**C. Artistic aspects of Indo-Islamic architecture:** Section – 1: Introduction Section - **2** Study of the architectures
9	December-2024	15	**Revision**
10	January-2025	24	**Revision**
11	February-2025	25	**Revision**
12	March-2025	24	**Revision**

Portion for Assessments-2024-'25

PT-1	Six limbs of Indian painting, Pre historic rock painting and Art of Indus Valley	1.Pre-Historic Rock-Paintings Introduction (a) Period and Location (b) Study Pre-historic paintings. 2. Indus valley civilization Introduction Period and Location, Extension: In about 1500 miles. Harappa & Mohenjo-daro (Now in Pakistan) ii.Ropar, Lothal, Rangpur, Alamgirpur, Kali Bangan,Banawali and Dholavira (in India) 2 Study of Sculptures and Terra cottas.
Half Yearly Exam	Buddhist, jain and Hindu Art Art of Ajanta Caves	1. General Introduction to Art during Mauryan, Shunga, Kushana(Gandhara and Mathura styles) and Gupta period: 2. Study and appreciation of following Sculptures. Introduction to Ajanta Location Period, No of caves, Chaitya and Vihara, paintings and sculptures,subject matter and technique etc.
PT-2	Temple Sculptures Bronze Sculptures	1.Temple Sculpture, Bronzes and artistic aspects of Indian temple sculpture 2. Indo Islamic Architecture (A) Artistic aspects of Indian Temple sculpture (6th Century A.D. to 13thCentury A.D.) 1) Introduction to Temple Sculpture (6th Century A.D. to 13th Century A.D.) 2) Study and appreciation of Temple-Sculptures.
Annual Exam	Pre historic rock painting and Art of Indus Valley Buddhist, jain and Hindu Art Art of Ajanta Caves Temple Sculptures Bronze Sculptures and indo Islamic architecture,	1.Pre-Historic Rock-Paintings Introduction 1) Period and Location 2) Study Pre-historic paintings. 2. Indus valley civilization Introduction Period and Location, Extension: In about 1500 miles. Harappa &Mohenjo-daro (Now in Pakistan) ii. Ropar, Lothal, Rangpur, Alamgirpur, Kali Bangan,Banawali and Dholavira (in India) 2 Study of Sculptures and Terra cottas. 1. General Introduction to Art during Mauryan, Shunga, Kushana(Gandhara and Mathura styles) and Gupta period: 2. Study and appreciation of following Sculptures. Introduction to Ajanta Location Period, No of caves, Chaitya and Vihara, paintings and sculptures,subject matter and technique etc. 1.Temple Sculpture, Bronzes and artistic aspects of Indian temple sculpture 2. Indo Islamic Architecture (A) Artistic aspects of Indian Temple sculpture (6th Century A.D. to 13thCentury A.D.) 1) Introduction to Temple Sculpture (6th Century A.D. to 13th Century A.D.) 2) Study and appreciation of Temple-Sculptures.

Projects/Subject Enrichment Activities

Month	Activity	Objective/s	Details & Evaluation
April to August-2024	Nature and object study (Completion By 31st Aug)	Exercises in pencil with light & shade and in colour from fixed point of view	Drawing-10 Treatment of colours-05 Overall impression-10
September to December-2024	Painting Composition (Completion By 8th Jan 2024)	Imaginative Painting based on subjects from life & nature in water colour and poster colour.	Compositional arrangement-10 Treatment of colour-05 Originality, Creativity-10
January-2025	Portfolio Assessment Submission by 29th Feb 2025	Record of the entire years performance from sketch to finished product.	Record of the entire year-10 Four selected nature and object study exercises in any media - 05 Two selected painting compositions prepared by the candidate - 03 One selected works based on any Indian Folk Art (Painting - 02
February-2025	Revision		Total marks (Practical) - 70

Class-XI Scheme of Work: 2024-25   **Subject-Physical Education**

S. No.	Month	No. Of ID	Health and physical education	Practical
1	April 2024 May 2024	08 25	**Changing Trends And Career In Physical Education** • Concept, Aims and Objectives Of Physical Education • Changing trends in sports- playing surface, wearable gears and sports equipment, technological advancement • Career Options In Physical Education • Khelo-India and Fit India Program	
2	June 2024 July 2024	13 07	**Olympism** • Ancient and Modern Olympics • Olympism-Concept and Olympic value • Olympic Symbols, Ideals, Objectives And Values Of Olympism • Olympic movement structure- IOC, NOC, IFS, other members	Athletics
3	August 2024	25	**Physical Fitness, Wellness And Lifestyle** • Meaning And Importance Of Physical Fitness, Wellness And health • Components Of health, Physical Fitness And Wellness • Traditional sports and regional games for promoting wellness	History Of Main Game
4	September 2024	19	**Physical Education And Sports For Cswn** • Concept of disability and disorder • Types of disability, its causes and nature • Aims and objectives of adaptive physical education • Concept Of Inclusion, It's Need And Implementation • Role Of Various Professionals For Children With Special Needs (Counselor, Occupational Therapist, Physiotherapist, Physical Education Teacher, Speech Therapist And Special Educator)	Basic Skills
5	October 2024	21	**Yoga** • Meaning And Importance Of Yoga • Introduction to ashthang yoga • Introduction-Asanas, Pranayam, Meditation And Yogic Kriyas • Introduction to yogic kriyas	Physical Fitness
6	November 2024	20	**Fundamentals Of Anatomy, Physiology And Kinesiology In Sports**	BMI Of 10

				Members With Graphical Representation
			• Definition and importance of Anatomy and Physiology in exercise and Sports • Functions of skeletal system, classification of bones and type of joints • Function and structure of circulatory system and heart • Function and structure of respiratory system	
7	November 2024	20	**Test, Measurement And Evaluation** • Concept of Test, Measurement And Evaluation • Classification of Test in Physical Education and sports • Test administration guidelines in Physical Education and Sports	
8	December 2024	09	**Fundamentals** of Kinesiology and Biomechanics in Sports • Definition And Importance Of Kinesiology and Biomechanics in Sports • Principles of Biomechanics • Type of body movements- flexion, extension, abduction, adduction, rotation, circumduction, supination and pronation • Axis and planes- Concept and its application in body movements	
9	December 2024	09	**Psychology In Sports** • Definition And Importance Of Psychology In Physical Education And Sports • Adolescent Problems & Their Management • Team cohesion and Sports	
10	January 2025	23	**Training And Doping In Sports** • Concept and Principles Of Sports Training • Training load, Over load, Adaptation and recovery • Concept of doping and it's disadvantages	
11	January 2025	23	**Practical** • **Physical Fitness Test** • **Skills Of Main Game** • **Graphical Representation Of BMI**	
12	February 2025	22	**Revision**	

Portion for Assessments- 2024-25 for Class-XI

Assessment	Chapters	Practical
PT-1	Unit-1: changing trends and career in physical education Unit-2: Olympic value education	
Half yearly exam	Unit-1: changing trends and career in physical education Unit-2: Olympic value education Unit-3: physical fitness, wellness and lifestyle Unit-4: physical education and sports for CSWN Unit-5: yoga	Physical efficiency test with project file
PT-2	Unit test-6: physical activity and leadership training Unit test-7: test, measurement and evaluation	
Annual exam	Unit-1: changing trends and career in physical education Unit-2: Olympic value education Unit-3: physical fitness, wellness and lifestyle Unit-4: physical education and sports for CSWN Unit-5: yoga Unit test-6: physical activity and leadership training Unit test-7: test, measurement and evaluation Unit test-8: fundamentals of anatomy, physiology and kinesiology in sports Unit test-9: psychology in sports Unit test-10: training and doping in sports	Physical efficiency test with project file

Class: XI   **Scheme of Work: 2024-25**   **Sub: PSYCHOLOGY**

S.N	Month	No. of ID	Unit to be Covered	PRACTICAL
1	May 2024	25	● What is Psychology?	
2	June 2024	13	● Basis of human Behaviour ● Human Development	
3	July 2024	07	● Human Development	PPT on stages of Development
4	August 2024	25	● Learning ● Human Memory	Serial and Free Recall
5	September 2024	19	● Human Memory	
6	October 2024	21	● Sensory ,Attention and Perceptual Processes	
7	November 2024	20	● Method of Psychological Enquiry	
8	December 2024	09	● Thinking	
9	January 2025	23	● Thinking	Scat
10	February 2025	22	● Motivation and Emotions	
11	March 2025	19	● Revision	

Portion for Assessments-2024-25 (PSYCHOLOGY CLASS XI)

PT-1 June 2024	- What is Psychology? - Basis of Human Behaviour - Human Development	
Half Yearly Exam Sep 2024	- What is Psychology? - Basis of Human Behaviour - Human Development - Learning - Human Memory	Serial and Free Recall
Pt-2 Dec 2024	- Human Memory - Sensory ,Attention and Perceptual Processes - Method of Psychological Enquiry	
ANNUAL EXAM March 2025	Full Syllabus	2 PRACTICALS

Projects/Subject Enrichment Activities

Month	Activity	Objective/s	Details & Evaluation
July-August	Presentation on Human Development	The students will have a first hand knowledge about the stages of Development.	- Correct information (content) - Presentation (written in clear manner) - Communication
September-October	Flow Chart Detailed presentation of the control processes of human memory.	Better understanding of the concept of SM,STM and LTM	- Correct information - Presentation - Understanding and Knowledge - Creative and neatness.
December-January	Report writing The students will conduct a project on methods of Enquiry	The students will have a first hand knowledge and understanding of the different sensory processes	- Presentation - Information (content) - Understanding and Knowledge - On time submission

क्र. स.	माह	कार्य दिवस	आरोह – 1	वितान – 1	अभिव्यक्ति और माध्यम
1	**March/Apr-2024**	8			

2	मई-2024	25	• पाठ 1: नमक का दारोगा, पाठ 2: मियाँ नसीरूद्दीन
			• कविता 1: हम तौ एक एक करि जाना (कबीर)
			  कविता 2: मेरे तो गिरधर गोपाल, दूसरो न कोई
			  कविता 6: चंपा काले -काले अच्छर नहीं चीन्हती
				भारतीय गायिकाओं में बेजोड़ – लता मंगेशकर	**पाठ: 1 और 2**

3	जून-2024	13	• पाठ 5: गलता लोहा पाठ 3: अपू के ढाई साल		पाठ: 9
4	जुलाई-2024	07			
5	अगस्त -2024	25	• पाठ 4: विदाई संभाषण कविता :5 घर की याद	राजस्थान की रजत बूँदें	**पाठ:10 और 14**
6	सितंबर-2024	19	अभ्यास	अभ्यास	अभ्यास
7	अक्टूबर-2024	21	• पाठ 8 जामुन का पेड़ कविता 6: चंपा काले -काले अच्छर नहीं चीन्हती (पुनरावर्तन)	आलो -अंधारि	
8	नवंबर-2024	20	पाठ : 7 रजनी कविता 8 हे भूख मत मचल कविता 8 हे मेरे जूही के फूल जैसे ईश्वर		पाठ: 15 और 16
9	दिसंबर-2024	09	कविता 9 सबसे खतरनाक	भारतीय कलाएँ	
10	जनवरी -2025	23	पाठ 9 भारत माता कविता 10 आओ मिलकर बचाएँ		
11	फ़रवरी -2025	22	**पुनरावर्तन**	पुनरावर्तन	पुनरावर्तन
12	मार्च -2025	19	**परीक्षा**	परीक्षा	परीक्षा

परीक्षा के लिए भाग – 2024-2025

PT-1	नमक का दारोगा ,मियाँ नसीरूद्दीन, हम तौ एक एक करि जाना ,मेरे तो गिरधर गोपाल, दूसरो न कोई चंपा काले -काले अच्छर नहीं चीन्हती		
Half Yearly Exam	नमक का दारोगा, मियाँ नसीरूद्दीन,हम तौ एक एक करि जाना, मेरे तो गिरधर गोपाल, दूसरो न कोई, गलता लोहा, अपू के ढाई साल, घर की याद	भारतीय गायिकाओं में बेजोड़ लता मंगेशकर,राजस्थान की रजत बूँदें	
PT-2	जामुन का पेड़, चंपा काले -काले अच्छर नहीं चीन्हती रजनी, हे भूख मत मचल	आलो -अंधारि	
Annual Exam	संपूर्ण पाठ्यक्रम	संपूर्ण पाठ्यक्रम	संपूर्ण पाठ्यक्रम

परियोजना /विषय संवर्धन गतिविधि

माह	गतिविधि	उद्देश्य	मूल्यांकन बिंदु
जुलाई-2024	वाचन कौशल : (आशुभाषण) दिए गए विषय पर अपने विचार प्रस्तुत करना।	बोलने के समय की हिचकिचाहट को दूर करना	आत्म विश्वास, शब्द चयन तारतम्यता
अगस्त-2024	परिचर्चा – राजस्थान के खान पान और स्वास्थ्य	राजस्थान के इतिहास और विविध रूपों से परिचय	अनुसंधान, भाषिक शुद्धता, लिखावट , रचनात्मकता , प्रस्तुतीकरण
अक्टूबर-2024	वाचन कौशल : (आशुभाषण) दिए गए विषय पर अपने विचार प्रस्तुत करना।	बोलने के समय की हिचकिचाहट को दूर करना	आत्म विश्वास, शब्द चयन तारतम्यता
दिसंबर–2025	एकल क्रिया-कलाप : (वाच्य एवं श्रवण कौशल) - ध्वनि प्रस्तुति को ध्यानपूर्वक सुनकर पूछे गए प्रश्नों के उत्तर दीजिए।	वाच्य एवं श्रवण कौशल का विकास।	स्मृति शक्ति, उच्चारण , बोध स्तर, आत्मविश्वास