SANT NIRANKARI PUBLIC SCHOOL MONTHLY SYLLABUS (SESSION: 2023-24) CLASS: XI SUBJECT: ENGLISH					
Month	**Sec/ Ch. No**	**Details of the Chapter/Topic**	**Learning Outcome**	**Activity (Subject Enrichment/ Art Integration / Multiple Assessment/ Portfolio/ALS etc.)**	**Name of the Exam with Syllabus and Tentative Date**
May	Reading	Unseen passage (factual/ Discursive, literary)	1. Learners would be able to read a text minutely or listen carefully to analyse the statements and select the main points as per questions. 2. Strengthened their reading skill. 3. Form an appreciation for all genres of literature.		
	Grammar	Tenses	1.The students would be able to identify and comprehend the use of different types of tenses. 2. They would be able to convert sentences into another tense. 3.The analysing skills would be improved.		
	Writing	Advertisements (Classified –Situation Vacant, Situation wanted .For Sale, For Purchase, To Let, Accommodation wanted)	1.Able to know the type of advertisements and the purpose of drafting. 2.Able to draft grammatically correct advertisement with expression. 3. Enhanced writing skills.	**Individual Activity-** Newspaper reading, drafting classified advertisement, cutting & pasting of relevant advertisements.	
		Speech	The students will be able- 1.To inculcate values like share ideas, freedom to express and acceptance of ideas. 2. To make use of appropriate formats, expressions and vocabulary. 3.To write formal speech or debate and strengthened writing skills		
	Literature Lesson -1	**Book-Hornbill** The Portrait of A Lady	At the end of the text/topic, students will be able - 1.To develop an independent attitude in thought and action.		

			2.To improve working relations and respect for identities in relation to other people. 3. To show care and concern for animals. 4.To accept and manage the situations with patience and tolerance. 5.To respect the relations in the family. 6.To know the expressions used in the lesson and their usage. 7.To understand the use of past perfect tense. 8.To develop responsibility and sensitivity towards the sufferings of others. 9.to know the sacrifices and support given by the grandparents in the family.		
	Poem-1	Book-Hornbill: A Photograph	The students will be able to 1.Express effectively, sharing ideas and develop appropriate style of writing. 2. Understand the importance of human relationship. 3) Understand child psychology. 4) Understand the attachment with family members. 5) Understand the nostalgic experiences of the past. 6) Understand that both the moments of life have been permanently etched in the poet's mind with a feeling of eternal loss. 7) Understand that death has overpowered the innocence of those moments and the pleasure they treasured.		
	Lesson-1	**Book: Snapshot** The Summer of the Beautiful white Horse	1.Familiarized with specific background information of author / book excerpt / history 2.Develop an attitude to become honest and trustworthy in thought and action, responsible cooperative, understanding and tolerance, respect for national identities in relation to other people - democratic citizenship. 3. Recognize Marginalization. 4. They would be able to comprehend the irony hidden in the story.	➢ **Group Activity** Group Discussion- Topic and debate: 1. Is Being Honest Beneficial or Harmful? 2. Why Be Honest If Honesty Does not Pay?	

				.	**PT-I (15.07.23-21.05.23) Syllabus-** **Reading:-** Unseen passage **Gram-**Tenses **Writing** Classified Advertisements **Literature** Hornbill- L-1 P-1 Snapshots- L-1
July	Reading	Unseen Passage(case Based)	1. Learners would be able to read and understand the given text, They would be able to analyse the passage gist and select the key points as per the questions. 2. Strengthened their reading skill. 3. Form an appreciation for all genres of literature.		
	Grammar	Clauses	1.Understood various types of clauses and use them effectively 2. Strengthened their grammatical knowledge.		
	Writing	Advertisements (Classified-Educational, Missing Persons /Pet, Lost & Found, Travels & Tours, Business Proposals, Matrimonial	1. Able to know the type of advertisements and the purpose of drafting. 2. Able to draft grammatically correct advertisement with expression. 3. Enhanced writing skills.		
		Debate	1. The learners would be able to organise their thoughts and express emphatically. 2. They would develop an interest towards writing thus enhancing their writing skills. 3.Their thinking skills would be enhanced.	➢ **Individual Activity (Speaking)** Based on the understanding of the lesson 'The Address' prepare and deliver a Debate on the topic 'War is always a Mistake' Content ,Presentation /confidence/voice modulation, Expression	
	Literature Lesson-2	**Book-Hornbill** We're Not Afraid to Die....if we can all be together	At the end of the text/ topic, students will be able to: 1. Learn the parts of ship and different terms/words related to voyage. 2. Understand the expressions and phrasal verbs used in the lesson and their usage.		

			3.To realise that hazardous experience teaches one to face the adverse circumstances with courage 4. Understand that presence of mind along with the practical knowledge is important to take instant decisions. 5.Know that determination and self confidence can conquer adverse circumstances. 6. inculcate values of sharing, caring and responsible attitude towards others 7. Know homonyms for 'storm' and 'vessel' and about Captain Cook.		
	Poem-2	**Book-Hornbill** The Laburnum Top	1.Learners would be able to enjoy and appreciate the poet's style of writing. 2. Understood the used different poetic devices and can figure out the relevant examples from the poem. 3.Able to comprehend the taught poem 4.Able to speak about the poet.		
	Poem-3	**Book-Hornbill** The Voice of the Rain	At the end of the text/topic, students will be – 1. Able to inculcate values like care and concern to save environment. 2. Able to develop imaginative and analytical skills. 3. Able to realise the importance of saving natural resources. 4. Able to understand the critical appreciation of the poem based on rhyme, content and theme. 5. Able to identify the figures of speech used in the poem. 6. Able to understand the process of sustainable development.		
	Lesson-2	**Book- Snapshot** The Address	1. To inculcate values like courage, empathy, sensitivity, critical thinking and maintaining relations. 2. To learn from past experiences. 3. To understand to forget the past and move ahead in life.		

			4. To appreciate family members and family bonding. 5. To value with all that they are blessed with. 6. To realize the value of time and not to be upset with old memories. 7. To develop the comprehension skill, analytical skill, language skill and thinking skill.		
August	Reading	Note Making and summary writing	1.The learners would be able to differentiate between annotation, outline notes, column notes, mind maps and summary notes from a text. 2.They would be able to use the note taking suggestions to develop good notes based on classroom discussions.		
	Grammar	Reordering / Transformation of Sentences	1.The learners would be able to understand the structure of a sentence and could synthesise different parts into a meaningful one. 2. Learners would be able to make various types of sentences. 3. With the knowledge of sentences they would feel confident and hence develop their writing skills .		**ClassTest -I (14.8.23 to 21.8.23)** **Syllabus-** **Reading:-** Unseen passage **Writing** Classified Advertisements , speech **Literature** Hornbill- L-2
	Writing	Poster	1. Able to comprehend an effective Poster making as a tool of Visual Communication. 2. Focus on the message to be delivered. 3. Able to keep the sequence well ordered. 4.Use graphs and images effectively 5. Plan and organize a poster presentation. Use spacing, margins, colours, and layout to maximize	Individual activity- In order to spread awareness in school ,draft a poster on the following : a) Cleanliness b) Save water c) Use Appropriate colour of Dustbin d) Importance of Discipline e) School, a second home	

	Literature L-3	**Book-Hornbill** Discovering Tut: the Saga Continuous	1.Think, analyse and observe 2. Know the meanings of new phrases. 3. Satisfy their curiosity about King Tut's mummy. 4. Know about the archaeology and advancement in technologies. 5. Understand the wastefulness of war.		P-2 Snapshots- L-2
	Literature Lesson-3	**Snapshot** Mother's Day	1.The learners would be able to develop their basic skills of language. 2.They would develop their reading skills and listening skills . 3.They would be able to comprehend the role of a mother and inculcate values of respect and obedience.	***Group activity** - Role Play on Mother's Day.	
Septe mber	MIDTERM	ALS (Project, Viva) Theory	*Learners will get exposure to examination. *They will be able to raise confidence by attempting and expressing their learning in the exam as per the CBSE blueprint. *To identify their own strengths and develop areas of growth.	Project based ALS ● Listening ● Speaking Methods ● Podcast Review ● Interview ● Survey ● Group Discussion/Panel Discussion Topics- 1. Any age appropriate topic of student's choice based on current scenario. 2. Rural school and Urban school (Ref lesson -Portrait of a Lady) 3.Education system-then and now.(L- Portrait of a Lady) 4.War- Always a mistake (Reference lesson-The Address)	**MID TERM** **Exam Dates**- 11.09.23 TO 22.09.23 **Syllabus**: All topics covered in reading, writing, grammar and literature from May 2023 to August. 2023.

				5. Honesty ; a trait of identification (Reference Lesson-Summer...Horse) Rubrics: Project :10 marks Listening : 05 marks Speaking :05 marks	
	Literature Poem-4	**Hornbill** Childhood	1.The students would inculcate the values of accepting differences, understanding people, becoming sensible, valuing childhood and freedom 2) Able to develop individuality. 3.Able to search for and gain innocence like a child. 4.Respect elders. 5. Enhance reading, comprehending, thinking skills, analytical skills,		
October	Reading	Practice of Unseen Passage(Factual, Case based)	1. Learners would be able to read a text minutely or listen carefully to analyse the statements and select the main points as per questions. 2. Strengthened their reading skill. 3. Form an appreciation for all genres of literature.		
	Grammar	Tenses, Clauses : Integrated grammar practice	Students will be able to polish their grammatical skills and enhanced their confidence.		
	Writing	Practice-Classified advertisements	Students will be able to polish their writing skills and enhanced their confidence.		
		Practice-Speech	Students will be able to polish their listening ,speaking and writing skills and enhanced their confidence.	Listening (Individual activity) Playing Audio track related to speech, questionnaire	
	Literature Lesson-5	**Book-Hornbill** The Adventure	1.appreciate the author's style of writing the story of a parallel world(science and history) 2.Enhance vocabulary 3.Able to comprehend the text.	-	
	Literature : Lesson-5	**Book-Snapshots** Birth	1.The students will be able to understand the sense of duty. 2) appreciate and accept the selfless service to mankind. 3) realise and create a balance between the knowledge gained and practical approach.		

			4) interpret that the story hinges on the theme- never say die attitude and the precious gift of life which only God can grant and a doctor can retrieve and restore.		
Novemb er	Reading	Note making and summary writing (Revision)	1. The learners would be able to differentiate between annotation, outline notes, column notes, mind maps and summary notes from a text. 2.They would be able to use the note taking suggestions to develop good notes based on classroom discussions.		**Class Test-II** 2.11.23 to 8.11.23 **Syllabus:** Writing: Debate, Advertisements (classified) Literature Hornbill: L-5 Adventure Snapshot: L-5 Birth
	Grammar	Reordering/Transformation of sentences : Integrated Grammar Practice	1.Learners would be able to enhance their understanding of various types of sentences. 2.The learners would be able to synthesises different parts of a sentence and would make a meaningful sentence.		
	Writing	Poster(Practice)	Learners would understand the situation and would be able to draft an effective poster with accuracy and coherence.		
		Debate (Practice)	Learners would be able to express their views emphatically and strengthened their speaking and listening skills.		
	Literature Lesson-6	**Book-Hornbill** Silk Road	1. Able to speak and write about author and plot. 2.Gained value and answer questions based on characters specially could differentiate the completely two contrasting places Hor and Darchen . 3. Spoke on the different characters of the travelogue. 4. Enriched reading and writing skills. 5.Developed Skills: speaking, analytical, observatory, thinking, critical and decisive . 6. Capability to comprehend the taught text	**Individual activity-** Travel brochure of any favourite destination/ Sikkim/Mount Kailash	
	Poem -5	**Book-Hornbill** Father To Son	1.To facilitate making connections between similar situations in different storylines/life experiences. 2 To help learners distinguish different perspectives; analysing them; drawing conclusion/s. 3.Learners would unfold their logical thinking skills		

	Lesson -6	**Book-Snapshots** Tale of Melon City	1.The students would be able to grasp the theme and meaning of the poem. 2.They would be able to read the poem with proper tone and rhyme and develop an interest in poetry. 3.They would raise their concern and sensitize themselves for establishing inner as well as outer peace.		
December	REVISION	Revision- Hornbill: Lesson 6,P-4, P-5 Snapshot L-6 Note making, Integrated grammar Writing: speech poster	Students will be able to polish their learning and enhanced their confidence.	**Speech-I**ndividual activity (any current issue)	P.T-II **Dates**-1.12.23 to 8.12.23 **Syllabus:** **Reading-** Note making **Gram:** Integrated **Writing:** Speech, Poster **Literature**: Hornbill: L-6 Silk Road P-4 Childhood P-5 Father To son Snapshot: L-6 Tale of Melon City
January	ALS	Assessment	Learners would be able 1.To get exposure to speaking and listening skills 2.To identify their own strengths and develop areas of growth. 3.Demonstrates that challenges have been undertaken ,developing new skills in the process. 4.Demonstrate how to initiate and plan. 5.Show commitment in their work and enhanced language efficiency and confidence.	Project based ALS ● Listening ● Speaking Methods ● Podcast Review ● Interview ● Survey ● Group Discussion/Panel Discussion Topics-	**Class Test-III** Dates: 15.01.24 to 20.01.24 **Syllabus** Writing- Advertisements(classified), Poster Literature Hornbill: L-6 Silk Road Snapshot: L-5 Birth

				1. Human need has changed into greed (Reference lesson-Ailing Planet..) 2. Conservation and Development cannot go hand in hand.(Reference lesson-Ailing Planet). 3. Nick Middleton :Geographer(L-Silk Road) 4. Any age appropriate topic of student's choice based on current scenario. 5. Generation Gap(P-Father to son) Rubrics: ● Project :10 marks ● Listening : 5 marks ● Speaking: 5 marks	
Feb-March	Reading Grammar Writing Literature	*Revision *Annual Exam	All Topics Covered: (May 2023 to January 2024)		**Annual Exam :** **Dates-** 17.02.24 to 02.03.24 **Syllabus:** All Topics covered from May 2023 to January 2024

SANT NIRANKARI PUBLIC SCHOOL MONTHLY SYLLABUS (SESSION: 2023-24) CLASS: XI SUBJECT: CHEMISTRY					
Month	**Ch. No**	**Details of the Chapter**	**Learning Outcome**	**Activity (Subject Enrichment / Art Integration / Multiple Assessment / Portfolio / Lab Activity / ASL etc.)**	**Name of the Exam with Syllabus and Tentative Date**

May	1	Some Basic Concepts of Chemistry	Students will be able to know the classification and properties of matter. They will be able to know the various laws of chemical combination.	Quantitative Estimation i. Using a mechanical balance/electronic balance. ii. Preparation of standard solution of Oxalic acid	
		Some Basic Concepts of Chemistry	Students will be able to know the terms – mole and molar mass. They will be able to solved the problems based on stoichiometric reactions.		
	2	Structure of Atom	Students will be able to know about Thomson, Rutherford and Bohr atomic models. They will be able to understand nature of electromagnetic radiation and Planck's quantum theory.		
		Structure of Atom	Students will be able to know about the atomic orbital in terms of quantum numbers. They will be able to know about the Aufbau principle, Pauli exclusion principle and Hund's rule of maximum multiplicity. They will be able to know about the electronic configurations of atoms.		
July	3	Classification of Elements and Periodicity in Properties	Students will be able to understand the significance of atomic number and electronic configuration as the basis for periodic classification. They will be able to recognise the periodic trends in physical and chemical properties of element. They will be able to explain the relationship between ionization enthalpy and metallic character.	iii. Determination of strength of a given solution of Sodium hydroxide by titrating it against standard solution of Oxalic acid. iv. Preparation of standard solution of Sodium carbonate. v. Determination of strength of a given solution of hydrochloric acid by titrating it against standard Sodium Carbonate solution.	**Exam – Periodic Test – I** **15-7-23 To 21-7-23** **Syllabus – Ch. 1,2**
	4	Chemical Bonding and Molecular Structure	Students will be able to understand KÖssel-Lewis approach to chemical bonding. They will be able to explain the octet rule and its limitations, draw Lewis structures of simple molecules.		

		Chemical Bonding and Molecular Structure	Students will be able to describe the VSEPR theory and predict the geometry of simple molecules. They will be able to explain the valence bond approach for the formation of covalent bonds.		
		Chemical Bonding and Molecular Structure	Students will be able to explain the different types of hybridisation involving s, p and d orbitals and draw shapes of simple covalent molecules. They will be able to describe the molecular orbital theory of homo nuclear diatomic molecules, Student will be able to explain the concept of hydrogen bond.		
August	7	Redox Reactions	Students will be able to identify redox reactions as a class of reactions in which oxidation and reduction reactions occur simultaneously. They will be able to define the terms oxidation, reduction, oxidant (oxidising agent) and reductant (reducing agent).	Characterization of Chemical Substances 1. Determination of melting point of an organic compound. 2. Determination of boiling point of an organic compound.	**Exam: Class Test – I** **Date: 14.08.23 – 21.08.23** **Ch. No.: 3,4**
		Redox Reactions	Students will be able to classify redox reaction into combination (synthesis), decomposition, displacement and disproportionation reactions. They will be able to balance chemical equations using (i) oxidation number (ii) half reaction method.		
	8	Organic Chemistry: Some basic Principles and Techniques	Students will be able to Know various ways of representing structures of organic molecules.		
		Organic Chemistry: Some basic Principles and Techniques	Students will be able to classify the organic compounds; name the compounds according to IUPAC system of nomenclature and also derive their structures from the given names.		
September	8	Organic Chemistry: Some basic Principles and Techniques	Students will be able to explain the influence of electronic displacements on		**Exam: Mid Term** **Date : 11.09.23 – 22.09.23**

			structure and reactivity of organic compounds.		**Syllabus – 1,2,3,4**
		Organic Chemistry: Some basic Principles and Techniques	Students will be able to recognise the types of organic reactions.		
October	5	Chemical Thermodynamics	Students will be able to know the terms : system and surroundings; discriminate between close, open and isolated systems. They will be able to know internal energy, work and heat.	Qualitative Analysis a. Determination of one anion and one cation in a given salt Cations- Pb2+, Cu2+, As3+, Al3+, Fe3+, Mn2+, Ni2+, Zn2+, Co2+, Ca2+, Sr2+, Ba2+, Mg2+, NH4 + Anions – (CO3) 2- , S2- , NO2 - , SO3 2- , SO4 2- , NO3 - , Cl- , Br- , I- , PO4 3- , C2O4 2- ,CH3COO- (Note: Insoluble salts excluded)	
		Chemical Thermodynamics	Students will be able to know the first law of thermodynamics and express it mathematically, explain state functions: U, H. correlate ΔU and ΔH.		
		Chemical Thermodynamics	Students will be able to know and apply Hess's law of constant heat summation, They will be able to explain Gibbs energy change and establish relationship between ΔG and spontaneity, ΔG and equilibrium constant.(ΔG)		
November	6	Equilibrium	Students will be able to identify dynamic nature of equilibrium involved in physical and chemical processes.	Content based experiment - Crystallization of impure sample of any one of the following: Alum, Copper Sulphate, Benzoic Acid.	**Exam: class Test – II** **Date: 02.11.23 – 8.11.23** **Ch. No.: 5,8**
		Equilibrium	Students will be able to write expressions for equilibrium constants and Establish a relationship between Kp and Kc. They will be able to classify		

			substances as acids or bases according to Arrhenius, Bronsted-Lowry and Lewis concepts.		
		Equilibrium	Students will be able to explain ionisation of water and its duel role as acid and base, describe ionic product (Kw) and pKw water, They will be able to calculate solubility product constant.		

December	9	Hydrocarbons	Students will be able to recognise and write structures of isomers of alkanes, alkenes, alkynes and aromatic hydrocarbons		**Exam: Periodic Test II** **Date: 1.12.23 – 8.12.23** **Ch. No.: 6**
		Hydrocarbons	Students will be able to distinguish between alkanes, alkenes, alkynes and aromatic hydrocarbons on the basis of physical and chemical properties and appreciate the role of hydrocarbons as sources of energy and for other industrial applications; predict the formation of the addition products of unsymmetrical alkenes and alkynes on the basis of electronic mechanism.		
		Hydrocarbons	Students will be able to comprehend the structure of benzene, explain aromaticity and understand mechanism of electrophilic substitution reactions of benzene; predict the directive influence of substituents in mono- substituted benzene ring.		
January		Revision			**Exam: Class Test III** **Date: 15.1.24 – 20.1.24** **Ch. No.: 9**
February					**Exam: Annual** **Date: 17.2.24 – 2.3.24** **Full syllabus**

SANT NIRANKARI PUBLIC SCHOOL MONTHLY SYLLABUS (SESSION: 2023-24) CLASS:XI SUBJECT: MATHEMATICS					
Month	**Ch. No**	**Details of the Chapter**	**Learning Outcome**	**Activity (Subject Enrichment / Art Integration / Multiple Assessment / Portfolio / Lab Activity / ASL etc.)**	**Name of the Exam with Syllabus and Tentative Date**
MAY	**1**	**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). Power set. Universal set. Venn diagrams. Union and Intersection of sets.	1. To find the number of subsets of a given set and verify that if a set has n number of elements, then the total number of subsets is 2^n (ACTIVITY 1)	
	2.	**RELATION AND FUNCTION**	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 (R x R only).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.		
	3.	**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 sin2x + cos2x = 1,	2 To identify a relation and a function. (ACTIVITY 2)	

			for all x. Signs of trigonometric functions. Domain and range of trigonometric functions and their graphs. Expressing sin (x±y) and cos (x±y) in terms of sin$x$, sin$y$, cos$x$ & cos$y$ and their simple applications. Deducing identities like the following: $tan\ tan\ (x \pm y) = \frac{tanx \pm tany}{1 \mp tanxtany}$ $cot\ cot\ (x \pm y) = \frac{cotxcoty \mp 1}{coty \pm cotx}$ $\sin\alpha \pm \sin\beta = 2\sin\frac{1}{2}(\alpha \pm \beta)\cos\frac{1}{2}(\alpha \mp \beta)$ $\cos\alpha + \cos\beta = 2\cos\frac{1}{2}(\alpha + \beta)\cos\frac{1}{2}(\alpha - \beta)$ $cos\alpha - cos\beta$ $= -2sin\frac{1}{2}(\alpha + \beta)sin\frac{1}{2}(\alpha - \beta)$ Identities related to sin2x, cos2x, tan2 x, sin3x, cos3x and tan3x.		
JULY	**5**	**COMPLEX NUMBER AND QUADRATIC EQUATION**	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	3.To verify that for two sets A and B, n (A×B) = pq and the total number of relations from A to B is 2^{pq}, where n(A) = p and n(B) = q. (ACTIVITY 3)	**Exam – Periodic Test – I** **15-7-23 To 21-7-23** **Syllabus – Ch. 1,2,3**
	6	**Linear Inequalities**	Linear inequalities. Algebraic solutions of linear inequalities in one variable and their representation on the number line.		
AUGUST	**7**	Permutations and Combinations	Fundamental principle of counting. Factorial n. (n!) Permutations and combinations, derivation of Formulae for nPr	4.To distinguish between a Relation and a Function. (ACTIVITY 6)	**CLASS TEST I** **DATES: 14.8.23 TO 21.8.23** **SYLLABUS:** **CH – 3, 5**

			and nCr and their connections, simple applications.		
	8	**BINOMIAL THEOREM**	Historical perspective, statement and proof of the binomial theorem for positive integral indices. Pascal's triangle, simple applications.		
SEPTEMBER	**9**	**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.		**Exam: Mid Term Date : 11.09.23 – 22.09.23**
	10	**STRAIGHT LINE**	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.	5.To represent set theoretic operations using Venn diagrams. (ACTIVITY 3)	
		REVISION	MID TERM DATE : 11.9.23 TO 22.923 SYLLABUS		
OCTOBER	**11**	**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..		
	12	Introduction to Three-dimensional Geometry	Coordinate axes and coordinate planes in three dimensions. Coordinates of a point. Distance between two points	6. To find the values of sine and cosine functions in second, third and fourth quadrants using their given values in first quadrant.	
NOVEMBER	**13**	Derivatives	Derivative introduced as rate of change both as that of distance function and geometrically. Intuitive idea of limit.		CLASS TEST II

			Limits of polynomials and rational functions trigonometric, exponential and logarithmic functions. Definition of derivative relate it to scope of tangent of the curve, derivative of sum, difference, product and quotient of functions. Derivatives of polynomial and trigonometric functions.		DATES: 02.11.23 TO 08.11.23 SYLLABUS: CH:11,12 AND 13
	15	**STATISTICS**	Measures of Dispersion: Range, Mean deviation, variance and standard deviation of ungrouped/grouped data.	7. To verify distributive law for three given non-empty sets A, B and C, that is, A ∪ (B ∩ C) = (A ∪ B) ∩ (A ∪ C) (ACTIVITY 7)	
	16	Probability	Random experiments; outcomes, sample spaces (set representation). Events; occurrence of events, 'not', 'and' and 'or' events, exhaustive events, mutually exclusive events, Probability of an event, probability of 'not', 'and' and 'or' events.	8. To plot the graphs of sin x, sin 2x, 2sinx and sin 2x , using same coordinate axes. (ACTIVITY 8)	
DECEMBER	**Revision**		**PERIODIC TEST II** **DATES 08.1.24 TO 19.1.24** **SYLLABUS: CH 13,15,16**		
JAN	**REVISION**		**CLASS TEST III** **DATES** **08.1.24 TO 19.1.24** **SYLLABUS: CH 9,10**		
FEB	**REVISION**		**ANNUAL EXAM** **DATES** **17.2.24 TO 2.3.24** **SYLLABUS: CH : FULL**		

CLASS: XI SUBJECT: BIOLOGY					
Month	**Ch. No**	**Details of the Chapter**	**Learning Outcome**	**Activity (Subject Enrichment / Art Integration / Multiple Assessment / Portfolio / Lab Activity / ASL etc.)**	**Name of the Exam with Syllabus and Tentative Date**
MAY	CH-1	THE LIVING WORLD	➢ Diff between living and non-living ➢ Taxonomic categories ➢ Taxonomic aids	➢ Prepare herbarium	
	CH-2	BIOLOGICAL CLASSIFICATIONS	➢ Characteristics of monera ➢ Characteristics of Protista ➢ Characteristics of fungi ➢ Characteristics of Plantae ➢ Characteristics of Animals ➢ Diff between viroid's, viruses	➢ Prepare an insect box	
	CH-3	PLANT KINGDOM	➢ Characters of algae ➢ Characters of bryophytes ➢ Characters of Pteridophytes ➢ Characters of gymnosperms ➢ Characters of angiosperms ➢ Concept of alteration of generation	➢ Study and describe three locally available common flowering plants, one from each of the families Solanaceae, Fabaceae and Liliaceae (Poaceae, Asteraceae or Brassicaceae can be substituted in case of particular geographical location) including dissection and display of floral whorls, anther and ovary to show number of chambers (floral formulae and floral diagrams). Types of root (Tap and adventitious); types of stem (herbaceous and woody); leaf (arrangement, shape, venation, simple and compound). ➢ Parts of a compound microscope.	

				➢ . Specimens/slides/models and identification with reasons - Bacteria, Oscillatoria, Spirogyra, Rhizopus, mushroom, yeast, liverwort, moss, fern, pine, one monocotyledonous plant, on	
JULY	CH-4	Animal kingdom	➢ Basis of classification ➢ Characters of Porifera ➢ Characters of coelentrata ➢ Characters of ctenophore ➢ Characters of platyhelminthes. ➢ Characters of aschelminthes ➢ Characters of annelida ➢ Characters of arthropoda ➢ Characters of Mollusca ➢ Characters of Echinodermata ➢ Characters of hemichordate ➢ Characters of chordata	➢ Virtual specimens/slides/models and identifying features of - Amoeba, Hydra, liverfluke, Ascaris, leech, earthworm, prawn, silkworm, honeybee, snail, starfish, shark, rohu, frog, lizard, pigeon and rabbit..	**Exam: Periodic Test – I** **Date: 15.7.23 – 21.7.23** **Syllabus - Ch – 1,2,3**
	CH 5	Morphology of flowering plants	➢ Modifications of root ➢ Modifications of stem ➢ Modifications of leaves ➢ Parts of flower ➢ Structure of monocot and dicot seed ➢ Description of Fabacea, solanceae, liliacea	➢ Different modifications in roots, stems and leaves. ➢ Different types of inflorescence (cymose and racemose).	
	CH-6	Anatomy of flowering plants	➢ Meristematic tissues ➢ Permanent tissues ➢ Epidermal tissue system ➢ Ground tissue system ➢ Anatomical characters of dicot and monocot root ➢ Anatomical characters of dicot and monocot stem	➢ Tissues and diversity in shape and size of plant cells (palisade cells, guard cells, parenchyma, collenchyma, sclerenchyma, xylem and	

			➢ Secondary growth in root and stem	phloem) through temporary and permanent slides	
AUGUST	CH-7	Structural organization in animals	➢ Epithelial tissues ➢ Connective tissue ➢ Muscle tissue ➢ Neural tissue ➢ Morphology and anatomy of earthworm ➢ Morphology and anatomy of cockroach ➢ Morphology and anatomy of frogs	➢ Tissues and diversity in shape and size of animal cells (squamous epithelium, smooth, skeletal and cardiac muscle fibers and mammalian blood smear) through temporary/permanent slides.	CLASS TEST I DATES: 14.8.23 TO 21.8.23 SYLLABUS: CH - 4, 5
	CH-8	Cell – the unit of life	➢ Cell theory ➢ Cell envelope and modifications ➢ Endomembrane system ➢ Plastids ➢ Cytoskeleton ➢ Nucleus	➢ Preparation and study of T.S. of dicot and monocot roots and stems (primary).	
	CH-9	Biomolecules	➢ Primary and secondary metabolites ➢ Structure of proteins, polysaccharides and nuclei acids ➢ Factors affecting enzymatic activity ➢ Classification and nomenclature of enzymes.	➢ Test for the presence of sugar, starch, proteins and fats in suitable plant and animal materials.	
SEPTEMBER	CH-10	Cell cycle and cell division	➢ Phases of cell cycle ➢ Significance of mitosis ➢ Meiosis I and Meiosis ii ➢ Significance of meiosis	➢ Mitosis in onion root tip cells and animals cells (grasshopper) from permanent slides.	
	CH 11	TRANSPORT IN PLANTS	➢ Means of transport ➢ Comparison of different transport processes ➢ Water potential ➢ Osmosis ➢ Plasmolysis		

			➢ Long distance transport of water ➢ Apoplast and symplast ➢ Root pressure ➢ Transpiration		
	Ch 12	Mineral nutrition	➢ Diff between micro and macronutrients ➢ Role of micro and macro nutrients ➢ Deficiency symptoms ➢ Toxicity of micronutrients ➢ Nitrogen cycle ➢ Biological nitrogen fixation ➢ Nodule formation	➢ Study of plasmolysis in epidermal peels (e.g. Rhoeo/lily leaves or flashy scale leaves of onion bulb).	
	Revision		MID TERM DATES: 11.9.23 TO 22.9.23 SYLLABUS: CH 1,2,3,4,5,6,7,8 AND 9		
OCTOBER	Ch 15	Plant growth and development	➢ Seed germination; ➢ Phases of plant growth and plant growth rate ➢ Conditions of growth differentiation, dedifferentiation and redifferentiation ➢ Sequence of developmental processes in a plant cell ➢ Growth regulators - auxin, gibberellin, cytokine, ethylene, ABA	➢ Separation of plant pigments through paper chromatography.	
	CH 16	DIGESTION AND ABSORPTION	➢ Digestive system ➢ Digestive glands ➢ Digestion of food ➢ Absorption of digested products	➢ Role play	

			➢ Disorders of digestive system		
	CH-17	BREATHING AND EXCHANGE OF GASES	➢ HUMAN RESPIRATORY SYTEM ➢ MECHANISM OF BREATHING ➢ RESPIRATORY VOLUMES AND CAPACITIES ➢ REGULATION OF RESPIRATION ➢ DISORDERS OF RESPIRATORY SYSTEM	➢ Study of the rate of respiration in flower buds/leaf tissue and germinating seeds	
	CH-18	BODY FLUIDS AND CIRCULATION	➢ BLOOD COMPOSITION ➢ BLOOD GROUPING ➢ COAGULATION OF BLOOD ➢ CIRCULATORY PATHWAY ➢ CARDIAC CYCLE ➢ DOUBLE CIRCULATION ➢ DISORDERS OF CIRCULATORY SYSTEM	➢ To measure blood pressure of class mates	
	CH-19	EXCRETORY PRODUCTS	➢ HUMAN EXCRETORY SYSTEM ➢ URINE FORMATION ➢ FUNCTION OF TUBULES ➢ REGULATION OF KIDNEY FUNCTION ➢ DISORDERS OF EXCRETORY SYSTEM	➢ Test for presence of urea in urine. ➢ Test for presence of sugar in urine. ➢ Test for presence of albumin in urine. ➢ Test for presence of bile salts in urine.	
	CH-20	LOCOMOTION AND MOVEMENT	➢ TYPES OF MOVEMENT ➢ STRUCTURE OF MUSCLES ➢ MECHANISM OF CONTRACTION ➢ TYPES OF JOINTS ➢ DISORDERS OF SKELETAL SYSTEM	➢ Human skeleton and different types of joints with the help of virtual images/models only.	
NOVEMBER	CH-21	NEURAL CONTROL AND COORDINATION	➢ HUMAN NEURAL SYSTEM ➢ CONDUCTION OF NERVE IMPULSES ➢ TRANSMISISON OF IMPULSES ➢ STRUCTURE OF FOREBRAIN,MID BRAIN AND HINDBRAIN ➢ REFLEX ARC ➢ SENSORY ORGANS-EYE,EAR	.	CLASS TEST II DATES: 02.11.23 TO 08.11.23 SYLLABUS: CH 18,19 AND 20

	CH-22	CHEMICAL COORDINATION AND INTEGRATION	➢ ENDOCRINE GLANDS AND HORMONES ➢ HYPOTHALAMUS- HORMONES AND FUNCTIONS ➢ PITUTARY GLAND HORMONES AND FUNCTIONS ➢ PINEAL , PARATHYROID,THYMUS ➢ ADRENAL , PANCREAS, TESTIS, OVARIES ➢ HORMONES OF HEART, KIDNEY ➢ MECHANISM OF HORMONAL ACTION	PREPARE A TABLE INDICATING HORMONES THEIR SOURCE ORGAN AND FUNCTIONS	
	CH 23	CHEMICAL COORDINATION AND INTEGRATION	➢ Exocrine glands and hormones ➢ Hypothalamus ➢ Pituitary gland ➢ Pineal gland ➢ Parathyroid gland ➢ Thymus ➢ Adrenal gland ➢ Pancreas ➢ Testis and ovary ➢ Hormones of heart, kidney and Gastrointestinal tract ➢ Mechanism of hormone action	➢ Presentation on role of various glands.	
	Ch 13	Photosynthesis	➢ LOCATION OF PHOTOSYNTHESIS ➢ LIGHT REACTION ➢ PHOTOPHOSPHORYLATION ➢ CALVIN CYCLE ➢ DIFF BETWEEN C3 AND C4 PATHWAY ➢ PHOTORESPIRATION FACTORS AFFECTING PHOTOSYNTHESIS		
	Ch 14	Respiration	➢ GLYCOLYSIS ➢ FERMENTATION ➢ AEROBIC RESPIRATION ➢ TCA CYCLE ➢ ELECTRON TRANSPORT SYSTEM		

			➢ AMPHIBOLIC PATHWAY RESPIRATORY QUOTIENT		
DECEMBER	Revision				PERIODIC TEST II DATES 08.1.24 TO 19.1.24 SYLLABUS: CH 13,14
JAN	Revision				CLASS TEST III DATES 08.1.24 TO 19.1.24 SYLLABUS: CH 13,14
FEB	Revision				ANNUAL EXAM DATES: 17.2.24 TO 02.3.24 SYLLABUS: FULL

SANT NIRANKARI PUBLIC SCHOOL
MONTHLY SYLLABUS (SESSION: 2023-24)
CLASS: XI SUBJECT : PHYSICAL EDUCATION(048)

Month	Ch. No	Detailed Chapter Name	Learning Outcome	Art integration learning activity (Subject Enrichment / / Multiple Assessment / Portfolio / Lab Activity / ASL etc.)	Name of the Exam with Syllabus and Tentative Date
July	**1** **2**	**Changing changing trends and career in physical education** **.** **Olympism**	They know the various carrier in physical education khelo India programme changing trends in various fields	Make a chart poster various professional and khelo India programme 2. Makes chart/poster about olympism	**PA-1** **15/7/2023-21/7/2023**

			They know concepts friendship, simble, oaths,flag, anthem,ioc,Noc,ifc		
August	**3** **4**	**Yoga** **Physical education and sports for CWSN**	Use of yoga,paths,kriyas, Pranayam and stress management Yoga for obesity procedure , benefits an Diabetes, Asthma, Hypertension They know Disability, disorder Disability adaptive education and roll of various pr Thought about the yogas nas and preve	With the help of PPT diagram and chart paper used pictures of different postal deformities lifestyle disease for students	**CT-1** **14/8/23** **22/8/23**
Septembe r	**5** **6**	**Physical fitness, health and wellness** **Test, measurements and Evaluation**	They know about health and wellness dimensions, traditional and regional game's Leadership and first aid They know Test measurements and Evaluation BMI,waist hip ratio skin fold measure practical	Uses of different types of equipment for measuring tools	**Mid term exam** **11/9/23/-** **22/9/23**
October	**7** **8**	**Fundamentals of Anatomy,physio logy in sports** **Fundamentals of kinesiology and Biomechanics in sports**	They know body functions skeleton, musical joint, respiratory systems and her classification They know about kinesiology function uses types	Make a different types of body functions With the help of PPT DIAGRAM AND CHART PAPER ,POSTER	

			of body movements and it's Application		
November	**9** **10**	**Psychology and sports** **Training and Doping in sports**	**What is the definition and uses of psychology** **in sports field for progressing adolescent problem,** **and it's Management** **Know about tranning load, warning up, skills technq** **Wand disadvantage of doping**	Make a chart different types of adolescent problem.Practical workll accordingly in the ground Students will able to know How to make diagram for practical project Different types of training methods And disadvantage of doping	**Class test – II, 2/11/23-8/11/23**
December			Revision full syllabus		**PA-2** **1/12/23-8/12/23**
January			**Revision full syllabus, Practical final**		**CT-2** **16/1/24-20/1/24**

February **December** **January**			**Students will be able to know how to make diagram of sports and games practical**		**FINAL EXAM 17/2/2024-2/3/2024**
February	**Final physical education practical**				

SANT NIRANKARI PUBLIC SCHOOL MONTHLY SYLLABUS (SESSION: 2023-24) CLASS: XI SUBJECT: Physics					
Month	**Ch. No**	**Details of the Chapter**	**Learning Outcome**	**Activity (Subject Enrichment / Art Integration / Multiple Assessment / Portfolio / Lab Activity / ASL etc.)**	**Name of the Exam with Syllabus and Tentative Date**
APRIL	CH-1	Units and Measurements	a) Need for measurement b) Units of measurement	To make a paper scale of given least count: (a) 0.2 cm and (b) 0.5 cm	

			c) Systems of units − a. SI units b. Fundamental and derived units d) Significant figures e) Dimensions of physical quantities f) 11Dimensional analysis and its applications		
MAY	CH-2	Motion in a straight line	a) Frame of reference b) Motion in a straight line c) Elementary concepts of differentiation and integration for describing motion d) Uniform and non-uniform motion e) Average speed and instantaneous velocity f) Uniformly accelerated motion g) Velocity time and Position-time graphs h) Relations for uniformly accelerated motion (graphical treatment)	To plot a graph for a given set of data, with proper choice of scales and error bars.	
JULY	CH-3	Motion in a plane	a) Scalar and vector quantities b) Position and displacement vectors c) general vectors and their notations d) equality of vectors, multiplication of vectors by a real number e) addition and subtraction of vectors f) Unit vector g) Resolution of a vector in a plane h) Rectangular components	To study the variation in range of a projectile with angle of projection.	**Exam: Periodic Test – I** **Date: 15.7.23 – 21.7.23** **Syllabus- ch. – 1,2,3**

			i) Scalar and Vector product of vectors j) Motion in a plane k) Cases of uniform velocity and uniform acceleration-projectile motion l) Uniform circular motion		
	CH-4	Laws of Motion	a) intuitive concept of force b) Inertia c) Newton's first law of motion d) momentum and Newton's second law of motion e) impulse; Newton's third law of motion f) Law of conservation of linear momentum and its applications g) Equilibrium of concurrent forces h) Static and kinetic friction i) laws of friction j) rolling friction k) lubrication l) Dynamics of uniform circular motion: m) Centripetal force, examples of circular motion (vehicle on a level circular road, vehicle on banked road)	To measure the force of limiting friction for rolling of a roller on a horizontal plane.	
	CH-5	Work, Energy and Power	a) Work done by a constant force and a variable force b) Kinetic energy c) Work-energy theorem d) Power e) Notion of potential energy f) Potential energy of a spring g) Conservative forces h) Non-conservative forces i) Motion in a vertical circle j) Elastic and inelastic collisions in one and two dimensions	To study the conservation of energy of a ball rolling down on an inclined plane (using a double inclined plane).	

AUGUST	CH-6	System of Particles and Rotational Motion	a) Centre of mass of a two-particle system b) momentum conservation and Centre of mass motion c) Centre of mass of a rigid body d) Centre of mass of a uniform rod e) Moment of a force f) Torque g) angular momentum h) laws of conservation of angular momentum and its applications i) Equilibrium of rigid bodies j) rigid body rotation and equations of rotational motion k) comparison of linear and rotational motions l) Moment of inertia m) radius of gyration n) Values of moments of inertia, for simple geometrical objects (no derivation)	To determine mass of a given body using a metre scale by principle of moments.	CLASS TEST I DATES: 14.8.23 TO 21.8.23 SYLLABUS: CH : 4,5
	CH-7	Gravitation	a) Kepler's laws of planetary motion b) Universal law of gravitation c) Acceleration due to gravity and its variation with altitude and depth d) Gravitational potential energy e) Gravitation potential f) Escape speed and orbital velocity of a satellite		
SEPTEMBER	CH-8	Mechanical Properties of Solids	a) Elastic behavior b) Stress-strain relationship c) Hooke's law d) Young's modulus		

			e) Bulk modulus f) Shear modulus of rigidity g) Poisson's ratio h) Elastic energy		
	Ch 9	Mechanical Properties of Fluids	a) Pressure due to a fluid column b) Pascal's law and its applications (hydraulic lift and hydraulic brakes) c) Effect of gravity on fluid pressure d) Viscosity e) Stokes' law f) terminal velocity g) streamline and turbulent flow h) critical velocity i) Bernoulli's theorem and its applications j) Surface energy and surface tension k) angle of contact l) excess of pressure across a curved surface m) application of surface tension ideas to drops n) bubbles and capillary rise	To study the effect of detergent on surface tension of water by observing capillary rise.	
	Revision		MID TERM DATES: 11.9.23 TO 22.9.23 SYLLABUS: CH- 1,2,3,4,5,6,7,8,9		
OCTOBER	CH 10	Thermal Properties of Matter	a) Heat, temperature, thermal expansion b) Thermal expansion of − 1) Solids 2) Liquids 3) Gases c) Anomalous expansion of water d) Specific heat capacity	To observe change of state and plot a cooling curve for molten wax.	

			e) Cp, Cv – calorimetry f) Change of state -Latent heat capacity g) Heat transfer − 1) Conduction 2) Convection 3) Radiation h) Thermal conductivity i) Qualitative ideas of Blackbody radiation j) Wein's displacement Law k) Stefan's law		
	CH-11	Thermodynamics	a) Thermal equilibrium and definition of temperature b) Zeroth law of thermodynamics c) Heat, work and internal energy d) First law of thermodynamics e) Second law of thermodynamics f) gaseous state of matter g) change of condition of gaseous state -isothermal, adiabatic, reversible, irreversible, and cyclic processes.	To note the change in level of liquid in a container on heating and interpret the observations.	
	CH-12	Kinetic Theory of gases	a) Equation of state of a perfect gas b) Work done in compressing a gas c) Kinetic theory of gases d) Assumptions e) Concept of pressure f) Kinetic interpretation of temperature g) rms speed of gas molecules h) Degrees of freedom i) Law of equi-partition of energy (statement only) and application to specific heat capacities of gases j) Concept of mean free path	.	

			k) Avogadro's number		
NOVEMBER	CH-13	Oscillations	a) Periodic motion - time period, frequency, displacement as a function of time b) Periodic function and their applications c) Simple harmonic motion (S.H.M) and its equation d) Phase e) Oscillations of a loaded spring-restoring force and force constant f) Energy in S.H.M. Kinetic and potential energies g) Simple pendulum derivation of expression for its time period	To study the effect of load on depression of a suitably clamped metre scale loaded at (i) its end (ii) in the middle.	CLASS TEST II DATES: 02.11.23 TO 08.11.23 SYLLABUS: CH 9, 10
	CH-14	Waves	➢ Wave motion ➢ Transverse and longitudinal waves ➢ speed of a travelling wave ➢ Displacement relation for a progressive wave ➢ Principle of superposition of waves ➢ reflection of waves ➢ standing waves in strings and organ pipes ➢ fundamental mode and harmonics ➢ Beats		
DECEMBER	Revision				PERIODIC TEST II DATES 08.1.24 TO 19.1.24 SYLLABUS: CH 12,13,14

JAN	Revi sion			
FEB	Revi sion			ANNUAL EXAM DATES: 17.2.24 TO 02.3.24 SYLLABUS: FULL

SANT NIRANKARI PUBLIC SCHOOL MONTHLY SYLLABUS (SESSION: 2023-24) CLASS: XI SUBJECT: Computer Science					
Month	**Ch. No**	**Chapter Name**	**Learning Outcome**	**Activity (Subject Enrichment / Art Integration / Multiple Assessment / Portfolio / Lab Activity / ASL etc.)**	**Name of the Exam with Syllabus and Tentative Date**
April	1	Computer System Organization	Students will learn about ● Basic Components of a Computer System	Make a mind map of Types of Software	

May	1	Computer System Organization (Contd..)	● Software Concepts ● Concept of Operating System		
	2	Data Representation and Boolean Logic	Understanding of ● Number System and its conversion ● Arithmetic Operations in Binary System ● Boolean Logic ● Boolean Operators ● Truth Table ● Logic Circuit		
July	11	Cyber Safety	Students will get acquainted with ● Cyber safety ● Cybercrime ● Identity Protection while using Internet ● Appropriate usage of Social Media ● Various Network security threats	Make a PowerPoint presentation on Cyber Security / Cyber Safety	PERIODIC TEST – I SYLLABUS – CH – 1, 2
July	12	Society Law and Ethics	Understanding of ● Intellectual Property Rights ● Plagiarism ● Impact of Technology change on society ● E- Waste Management		
	3	Computational Thinking and Getting started with Python	● Steps for Problem Solving ● What is Computational Thinking? ● Components of Computational Thinking ● Features, Advantages and Limitations of Python ● Getting familiar with Python- IDLE		**CLASS TEST – I** **18-08-23** **Ch-11,12**
August	4	Python Programming Fundamentals	Understanding of Python Character set, Variables, Keywords, Operators etc. in Python	Practical demo will be given	

	5	Conditional and Looping Constructs	Students will learn about ● Program Control Flow ● Decision Making	Practical demo will be given	
September	**Revision**				**Mid Term** **22-09-23** **(CH-1,2,3,4,5,11,12)**
October	5	Conditional and Looping Constructs(Contd..)	● Iterations ● Jump Statements	Practical demo will be given	
	6	Strings in Python	Students will learn about ● What are strings in Python? ● Creation and Traversal ● String Operations ● String methods and Built in Function	Practical demo will be given	
	7	Lists in Python	Students will learn about ● Lists creation and its operations ● Built in Functions ● Deletion	Practical demo will be given	
November	8	Tuples and Dictionary	Students will learn about ● Tuples and Dictionaries in Python ● Accessing and traversing ● Tuple Operations ● Tuple deletion ● Appending values to a Dictionary ● Updating and Removing elements from a Dictionary	Practical demo will be given	**CT- II** **04-11-23** **Ch - 6**
	9	Introduction to python modules	Students will learn about various modules in Python and its usage	Practical demo will be given	
December		Revision			**PT –II** **05-12-23** **Ch -7 & 8**

January		Revision	**CT – II** **12-01-24** **Ch – 8**
February		**Annual Exams** Full Syllabus	

संत निरंकारी पब्लिक विद्यालय, निरंकारी कॉलोनी
पाठ्यक्रम (2023-24)
कक्षा - ग्यारहवीं
विषय- हिंदी (ऐच्छिक) 002

पाठ्य पुस्तक व पूरक पाठ्य पुस्तक

- अंतरा (भाग-1) (एन.सी.ई.आर.टी.)
- अंतराल (भाग-1) (एन.सी.ई.आर.टी.)
- अभिव्यक्ति और माध्यम (एन.सी.ई.आर.टी.)

माह	पुस्तक	पाठ का नाम
अप्रैल 2023	अंतरा (गद्य खंड)	पाठ - ईदगाह
	अंतरा (पद्य खंड)	पाठ – पद (कबीर) अरे इन दोहुन राह न पाई
	अभिव्यक्ति और माध्यम	• औपचारिक पत्र • दृश्य लेखन ➢ अपठित गद्यांश / पद्यांश
मई 2023	अंतरा (गद्य खंड)	पाठ - दोपहर का भोजन
	अंतरा (पद्य खंड)	पाठ - पद (सूरदास) खेलन में काको गुसैयाँ पाठ - हँसी की चोट, सपना, दरबार
	अभिव्यक्ति और माध्यम	• जनसंचार माध्यम • दृश्य-लेखन व डायरी लेखन ➢ अपठित गद्यांश/पद्यांश
जुलाई 2023	अंतरा (गद्य खंड)	पाठ - टार्च बेचने वाले पाठ – गूँगे
	अंतरा (पद्य खंड)	पाठ - संध्या के बाद, जाग तुझको दूर जाना
	अभिव्यक्ति और माध्यम	• पत्रकारिता के विविध आयाम • शब्दकोश, सन्दर्भ ग्रंथों की उपयोगी विधि और परिचय • औपचारिक पत्र ➢ अपठित गद्यांश / पद्यांश
अगस्त 2023	अंतरा (गद्य खंड)	पाठ - ज्योतिबा फुले पाठ - खानाबदोश
	अंतरा (पद्य खंड)	पाठ – बादल को घिरते देखा है

	अंतराल	पाठ - हुसैन की कहानी अपनी ज़बानी
	अभिव्यक्ति और माध्यम	• डायरी लेखन • कथा-पटकथा लेखन, कार्यालयी लेखन और प्रक्रिया • औपचारिक पत्र, स्ववृत-लेखन, रोजगार संबंधी पत्र ➢ अपठित गद्यांश / पद्यांश
सितंबर 2023	अंतराल	पाठ – आवारा मसीहा - दिशाहारा
अक्टूबर 2023	**अंतरा (गद्य खंड)**	पाठ - उसकी माँ पाठ – भारतवर्ष की उन्नति कैसे हो सकती है?
	अंतराल (पद्य खंड)	पाठ – बादल को घिरते देखा है, हस्तक्षेप
	अभिव्यक्ति और माध्यम	• दृश्य लेखन • कथा-पटकथा लेखन • औपचारिक पत्र ➢ अपठित गद्यांश / पद्यांश
नवंबर 2023	**अंतरा (गद्य खंड)**	पुनरावृति
	अंतरा (पद्य खंड)	पाठ – घर में वापसी
	अंतराल	पुनरावृति
	अभिव्यक्ति और माध्यम	• दृश्य-लेखन व कथा-पटकथा लेखन • स्ववृत लेखन और रोज़गार संबंधी आवेदन पत्र ➢ अपठित गद्यांश / पद्यांश
दिसंबर 2023	**पुनरावृति**	**संपूर्ण पाठ्यक्रम**
जनवरी 2024	**पुनरावृति**	
फरवरी 2024	**पुनरावृति**	

DATESHEET FOR THE YEAR OF 2023-24 (CLASS XI)

TERM I

PERIODIC TEST 1

REVISION DATES	**10.07.2023 TO 14.07.2023**			
DATE	DAY	XI A	XI B	XI C
15.07.2023	SATURDAY	MATHS	MATHS/IP/PAINTING	MATHS/IP/PAINTING
17.07.2023	MONDAY	ENGLISH	ENGLISH	ENGLISH
18.07.2023	TUESDAY	CHEMISTRY	B.ST.	POL.SCIENCE
19.07.2023	WEDNESDAY	BIO./C.S/ECO	ECO/ENT.	ECO/ ENT.
20.07.2023	THURSDAY	PHYSICS	ACCOUNTS	HISTORY
21.07.2023	FRIDAY	P.EDUCATION/HINDI	P.EDUCATION/HINDI	P.EDUCATION/HINDI
RESULT PTM ON	**AUGUST 5,2023 (SATURDAY)**			
	MID TERM			
REVISION DATES	**AUGUST 28,2023 TO SEPT 8,2023**			
DATE	**DAY**	**XI A**	**XI B**	**XI C**
11.09.2023	MONDAY	P.EDUCATION/HINDI	P.EDUCATION/HINDI	P.EDUCATION /HINDI
13.09.2023	WEDNESDAY	CHEMISTRY	B.STUDIES	POL SC
15.09.2023	FRIDAY	PHYSICS	ACCOUNTS	HISTORY
18.09.2023	MONDAY	MATHS	MATHS/IP/PAINTING	IP/PAINTING
20.09.2023	WEDNESDAY	ENGLISH	ENGLISH	ENGLISH
22.09.2023	FRIDAY	BIO/C.S/ECO	ECO/ENTRE	ECO/ENT
RESULT PTM ON	OCTOBER 7,2023(SATURDAY)			

TERM II

PERIODIC TEST II

REVISION DATES	**NOVEMBER 20,2023 TO NOVEMBER30,2023**			
DATE	DAY	XI A	XI B	XI C
01.12.2023	FRIDAY	P.EDUCATION/HINDI	P.EDUCATION/HINDI	P.EDUCATION/HINDI
04.12.2023	MONDAY	ENGLISH	ENGLISH	ENGLISH
06.12.2023	WEDNESDAY	PHYSICS	ACCOUNTS	HISTORY
08.12.2022	FRIDAY	BIO/C.S/ECO	ECO/ENTRE	ECO/ENT
11.12.2022	MONDAY	MATHS	MATHS/IP/PAINTING	IP/PAINTING
13.12.2022	WEDNESDAY	CHEMISTRY	B.STUDIES	POL SC
RESULT PTM ON	**DECEMBER 30,2023(SATURDAY)**			

ANNUAL EXAM				
REVISION DATES	**DECEMBER 14,2023 TO FEBRUARY 02,2024**			
16.02.2024	FRIDAY	P.EDUCATION/HINDI	P.EDUCATION/HINDI	P.EDUCATION/HINDI
19.02.2024	MONDAY	MATHS	MATHS/IP/PAINTING	IP/PAINTING
23.02.2024	FRIDAY	CHEMISTRY	BST	POL SCIENCE
28.02.2024	WEDNESDAY	PHYSICS	ACCOUNTS	HISTORY
04.03.2024	MONDAY	BIO/C.S/ECO	ECO/ENTRE	ECO/ENT
08.03.2024	FRIDAY	ENGLISH	ENGLISH	ENGLISH
RESULT PTM ON	**MARCH 23,2024(SATURDAY)**			