Chinmaya Vidyalaya NTPC Unchahar

ANNUAL SYLLABUS BREAK UP

SESSION: 2025-2026

CLASS: XI

Month	Week	Topics	Sub Topics	Activities
April	W1	 Moral and ethical development 	 Understanding ethical principles and applying them 	• Group discussion
April	W2	 Moral and ethical development 	 Understanding ethical principles and applying them 	• Group discussio n
April	W3	Moral and ethical development	Understanding ethical principles and applying them	Group discussion
April	W4	Moral and ethical development	Understanding ethical principles and applying them	Group discussion
April	W5	Character Education	Honesty, integrity and responsibility	Live examples

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Month	Week	Topics	Sub Topics	Activities
May	W1	Character Education	Honesty, integrity and responsibili ty	Live examples
May	W2	Character Education	Honesty, integrity and responsibility	• Live examples
May	W3	Character Education	Honesty, integrity and responsibility	Live examples
		7 7	8 5 4	e l
May	W4	Summer break		
May	W5	Summer break	V /S	

Month	Week	Topics	Sub Topics	Activities
June	W1	Summer break	No.	
June	W2	Summer Break	WA.	
June	W3	Summer Break	- A	
	W4	Civic responsibility	Rights and duties as a citizen	Show examples through smart board
	W5	Civic responsibility	Rights and duties as a citizen	Show examples through smart board

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Month	Week	Topics	Sub Topics	Activities
July	W1	Civic responsibility	Rights and duties as a citizen	Show examples through smart board
July	W2	Civic responsibility	 Rights and duties as a citizen 	Show examples through smart board
July	W3	Life skills	Critical thinking, problem solving	• Group discussion
July	W4	• Life skills	Critical thinking, problem solving	Group discussion
July	W5	• Life skills	Critical thinking, problem solving	Group discussion

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Month	Week	Topics	Sub Topics	Activities
August	W1	• Environmental awareness	Respect and protect the environment	Individual experience
August	W2	• Environmental awareness	Respect and protect the environment	Individual experience
August	W3	Environmental awareness	Respect and protect the environment	Individual experience
August	W4	Environmental awareness	Respect and protect the environment	Individual experience
August	W5	• Environmental awareness	Respect and protect the environment	Individual experience

Month	Week	Topics	Sub Topics	Activities
September	` W1	• Respect	Respect oneself and others	Personal opinions
September	W2	Half Yearly Examination	X X	
September	· W3	Half Yearly Examination		
September	W4	• Respect	Respect oneself and others	Personal opinions
September	W5	• Respect	Respect oneself and others	Personal opinions

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Month	Week	Topics	Sub Topics	Activities
October	W1	Dusshera Holidays		
October	W2	• Respect	 Respect oneself and others 	Personal opinions
October	W3	• Respect	 Respect oneself and others 	Personal opinions
October	W4	Deepawali Holidays		
October	W5	• Honesty	Being truthful and transparent	Group discussion

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Month	Week	Topics	Sub Topics	Activities
ovember	· W1	• Honesty	Being truthful and transparent	• Group discussio n
ovember	W2	• Honesty	Being truthful and transparent	Group discussion
ovember	W3	• Honesty	Being truthful and transparent	Group discussion
ovember		• Empathy	Understand and share the feelings of others	• Live examples
ovember	W5	• Empathy	Understand and share the feelings of others	• Live examples

		1 //		
Month	Week	Topics	Sub Topics	Activities
December	W1	• Empathy	Understand and share the feelings of others	Li v e E x a m pl e s
December	W2	• Empathy	Understand and share the feelings of others	• Live exa
December	W3	• Responsibility	Take ownership of one's action	Group discussion
December	W4	Responsibility	Take ownership of one's action	Group discussion
December	W5	Responsibility	Take ownership of one's action	Group discussion

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Month	Wee k	Topics	Sub Topics	Activities
Januar y	W1	Responsibility	• Take owner ship of one's action	• Grou p discu ssion
Januar y	W2	• Tolerance	Accept and respect differences in others	Group discussi on
Januar y	W3	• Tolerance	 Accept and respect differences in others 	• Group discussion
Januar y	W4	• Tolerance	Accept and respect differences in others	Group discussion
Januar y	W5	• Tolerance	Accept and respect differences in others	Group discussion

				(30)
Month	Wee k	Topics	Sub Topics	Activities
Februar y	W1	Patriotism	• Love for one's country	Group discussion
			ğ	
Februar y	W2	• Patriotism	Love for one's country	• Group discus sion
Februar y	W3	• Patriotism	• Love for one's country	• Group discussion
Februar y	W4	• Patriotism	Love for one's country	Group discussion
Februar y	W5			

Month	Week	1	Topics	JP	Sub Top	ics	Activitie	S
	W1	//	INA	1	000000	ALLA L		
	W2		Ö		000000	NA.		
	W3		À	9	8/3	<u>A</u>		
	W4			É				\
	W5		1	0		SAC.	NO.	
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Examination Wise Syllabus Breakup 2025-26

	1283				
Examination	Chapter No./Chapter Name				
PT-1					
Term-1/Half	Moral <mark>a</mark> nd ethical development, Ch <mark>ar</mark> acter Edu <mark>catio</mark> n, <mark>Civic respon</mark> sibility, Life skills				
Yearly Exam	and Environmental Awareness				
PT-2					
Term- 2/Annual Exam	Moral and ethical development, Character Education, Civic responsibility, Life skills, Environmental Awareness, Respect, Honesty, Empathy, Responsibility, Tolerance, Empathy				

Chinmaya Vidyalaya NTPC Unchahar

ANNUAL SYLLABUS BREAK UP

SESSION: 2025-2026

CLASS: XI

Subject: English

Subject: English

Month	Week	Topics	Sub-Topics	Activities
April	W1	The Portrait of a Lady		Talk about grandparents, senior citizens, joint family system
April	W2	We're not afraid to Die A Photograph	3	Poster designing
April	W3	Discovering Tut The Laburnum Top		Poster designing
April	W4	The Voice of the Rain Advertisement	Classified- For Sale To Let, Accommodation wanted Accommodation available, Situation vacant, matrimonial	Cut and paste classified and display ads from the newspaper Drafting Ads
April	W5	Debate writing Speech Writing		Debate

	Subject: English					
Month	Week	Topics	Sub-Topics	Activities		
May	W1	Summer of the Beautiful White Horse	P. L.A.Y	Sharing childhood experiences		
May	W2	The Address	100000			
May	W3	Note Making	<u>4</u> 3			
May	W4	Summer Break				
Мау	W5	Summer Break	SMIS			

	Subject: English					
Month	Week	Topics	Sub Topics	Activities		
June	W1	1/2				
June	W2	CH	X			
June	W3	9 4	8/3			
June	W4	Revision of writing section topics	Advertisements and Poster			
June	W5	Revision of writing section topics	Advertisements and Poster	[3]		

Subject: English Week Month **Topics Sub Topics Activities** Mother's Day (Play) July W1 Role Play W2 Childhood July Dramatic Monologue Tenses (Grammar) Types of Tenses W3 Tenses continued (Grammar) July Practice questions July W4 Tenses continued Practice questions Narration Assertive sentences July W5 Interrogative sentences Narration Practice questions Imperative sentences

Subject: English

		111		
Month	Week	Topics	Sub Topics	Activities
August	W1	Clauses	Introduction Noun Clause	
August	W2	Clauses	Adjective Clause Adverb Clause	
August	W3	Classified Ads	Tours and Travel Lost and Found Lost and Found Kennel and Livestock Missing persons and pets	
August	W4	Revision of Lessons from Hornbill		Speaking and listening skills
August	W5	Revision of lessons from snapshots		Speaking and listening skills

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Month	Week	Topics	Sub Topics	Activities
September	W1	Revision of Writing Section topics	NA PARENT	
September	W2	Half Yearly Exam	NA NA	
September	W3	Half Yearly Exam		
September	W4	Review of Writing skill topics		Writing skills topics
	-			
September	W5	Review of Writing section topics	2/3	Writing skills topics

	Subject: English						
Month	Week	Topics	Sub Topics	Activities			
October	W1	Dushehra break					
October	W2	The Adventure	90000	Group Discussion			
October	W3	The Adventure	NBA.				
October	W4	Father to Son (Poem)					
October	W5	Silk Road		Travelogue review Travelogue writing			

Subject: English

Month	Week	Topics	Sub Topics	Activities			
November		Unseen Passage-1 Case Study Passage	Unseen passage	Project work			
November	W2	Revision Note Making	5	Project work			
November	W3	Birth	Literature	Project work			
November	W4	A Tale of Melon City	Writing skills	Project work			
November	W5	Revision	Writing skills	Project work			

	Subject: English					
Month	Week	Topics	JA	Sub Topics	1	Activities
December	W1	Revision of WR-2	1		N L	
December	W2	Practice of Debate and writing	d <mark>speech</mark>	000000	A	De <mark>b</mark> ate delivery
December	W3	Unseen passage pract	ice	8/3	<u>.</u>	
December	W4	Revision	A.			
December	W5	Revision				S /

	Subject: English						
Month	Week	Topics	Sub Topics	Activities			
January	W1	Winter break	000000	Poject			
January	W2	Revision	000000	5			
January	W3	Revision	NB/3				
January	W4	Revision					
January	W5	Revision					

Subject: English					
Month	Week	Topics	Sub Topics	Activities	
February	W1	Revision			
February		Revision	WA.		
February	W3	Revision	8		
February	W4	Revision	30		
February	W5	Revision		[8]	
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lonth	Week	1	Topics	J.D.	Sub Topic	es	Activities
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	W5					225	
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Examination Wise Syllabus Breakup 2025-26

Examination	Chapter No./Chapter Name
WR-1	The Portrait of a Lady, A Photograph, Unseen Passage, Grammar integrated exercises
Term-1/Half Yearly Exam	Literature- Hornbill- Lesson-1,2,3 Poem- A Photograph, The Laburnum Top and The Voice of the Rain
	Snapshots- The Summer of the Beautiful Horse, The Address Grammar- Tenses, Clauses Unseen Passage-2, Note Making, Advertisement, Poster, Debate, Speech
WR-2	The Adventure, Poem- Childhood, Grammar exercises, Advertisement and Poster
Term- 2/Annual Exam	Literature- Hornbill- Lesson-1,2,3, The adventure, Silk Road, Poem-A Photograph, The Laburnum Top and The Voice of the Rain, Childhood, Father to son
	Snapshots- The Summer of the Beautiful Horse, The Address, Mother's Day, Birth, A Tale of melon City Grammar- Tenses, Clauses Unseen Passage-2, Note Making, Advertisement, Poster, Debate, Speech

Chinmaya Vidyalaya NTPC Unchahar

ANNUAL SYLLABUS BREAK UP

SESSION: 2025-2026

CLASS: 9 to 12

Subject: SPORTS & GAMES

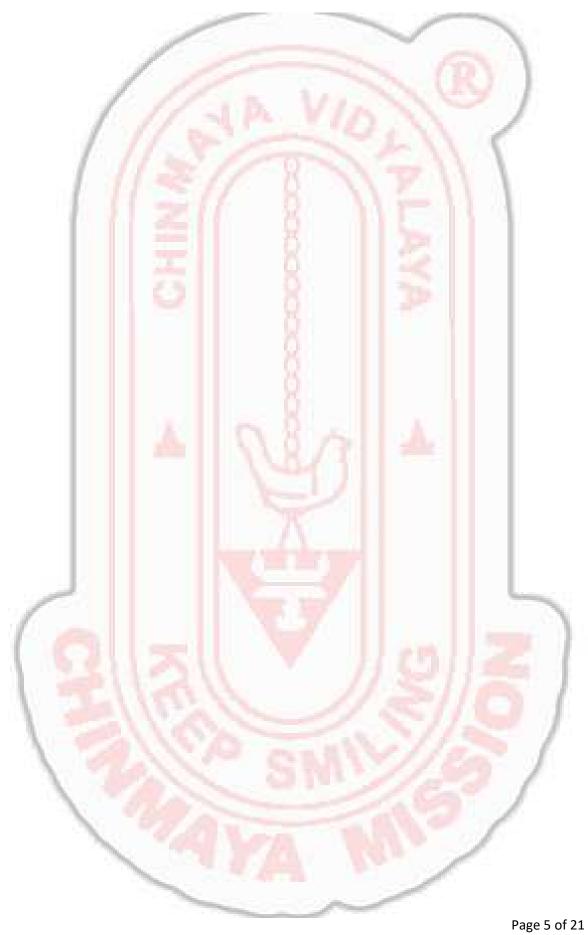
Subject: SPORTS & GAMES

Month	Week	11	Topics	Sub Topics	Activities
April	W1	Volleyball		Passing, Serving, Teamwork	Warm-up Passing drills Serving practice - Teamwork activities Warm-up
		Kho-Kho		Running, Tagging, Team Coordination	Kho-Kho basic training Running drills Tagging practice Warm-up
		Judo		Basic Throws, Holds, Falling Techniques	Learning basic throws Falling techniques Basic holds
April	W2	Volleyball	4 0	Passing, Serving, Teamwork	Warm-up Passing drills Serving practice -
		Kho-Kho		Running, Tagging, Team Coordination	Teamwork activities Warm-up Kho-Kho basic training Running drills Tagging practice Warm-up
	and the same	Judo		Basic Throws, Holds, Falling Techniques	Learning basic throws Falling techniques Basic holds
April	W3	Volleyball	2//	Passing, Serving, Teamwork	Warm-up Passing drills Serving practice - Teamwork activities
	/	Kho-Kho		Running, Tagging, Team Coordination	Warm-up Kho-Kho basic training Running drills Tagging practice Warm-up
		Judo	The same	Basic Throws, Holds, Falling Techniques	Learning basic throws Falling techniques Basic holds

April	W4	Volleyball	Passing, Serving, Teamwork	Warm-up Passing drills Serving practice -
		Kho-Kho	Running, Tagging, Team Coordination	Teamwork activities Warm-up Kho-Kho basic training Running drills Tagging practice Warm-up
		Judo	Basic Throws, Holds, Falling Techniques	Learning basic throws Falling techniques Basic holds
April	W5	Volleyball	Passing, Serving, Teamwork	Warm-up Passing drills Serving practice -
		Kho-Kho	Running, Tagging, Team Coordination	Teamwork activities Warm-up Kho-Kho basic training Running drills Tagging practice Warm-up
		Judo	Basic Throws, Holds, Falling Techniques	Learning basic throws Falling techniques Basic holds

Subject: SPORTS & GAMES					
Month	Weel	k	Topics	Sub Topics	Activities
May	W1	Volleyball		Passing, Serving, Teamwork	Warm-up Passing drills Serving practice - Teamwork activities
		Kho-Kho	TA	Running, Tagging, Team Coordination	Warm-up Kho-Kho basic training Running drills Tagging practice
				Basic Throws, Holds,	Warm-up

	Judo	Falling Techniques	Learning basic throws
			Falling techniques Basic holds
	1//5	IP VIO	
May	W2 Yoga	Strength and Flexibility	Warm-up Yoga flow sequence
	Kho-Kho	Running, Tagging, Team Coordination	Warm-up -Kho-Kho basic training Running drills Tagging practice Warm-up Lagrains basis throws
	Judo	Basic Throws, Holds, Falling Techniques	Learning basic throws Falling techniques Basic holds
June	Volleyball	Passing, Servi <mark>n</mark> g, Teamwork	Warm-up Passing drills Serving practice - Teamwork activities
	Football	Ball Control, Team Tactics, Mini-Matches	Running drills Tagging practice Warm-up
	Judo	Basic Throws, Holds, Falling Techniques	Basic noids
June V	Athletics	Middle Distance Running, Sprints	Warm-up Sprint drills Middle distance Relay races Warm-up Ball control drills
	Football	Ball Control, Team Tactics, Mini-Matches	Team play Mini-matches
	Judo	Basic Throws, Holds, Falling Techniques	Running drills Tagging practice Warm-up Learning basic throws Falling techniques Basic holds



Subject: SPORTS & GAMES Month Week **Topics** Activities **Sub Topics** W1 Warm-up July Sprint drills Middle distance Middle Distance Running, Relay races **Sprints** Warm-up **Athletics** Ball control drills Team play Ball Control, Team Mini-matches Football Tactics, Mini-Matches Running drills Tagging practice Judo Basic Throws, Holds, Warm-up Falling Techniques Learning basic throws Falling techniques Basic holds July W2 Warm-up Sprint drills Middle distance Middle Distance Running, Relay races Sprints **Athletics** Warm-up Ball control drills Team play Ball Control, Team Football Mini-matches Tactics, Mini-Matches Running drills Judo Tagging practice Basic Throws, Holds, Warm-up Falling Techniques Learning basic throws Falling techniques Basic holds July W3 Warm-up Sprint drills Middle Distance Running, Middle distance **Sprints Athletics** Relay races Warm-up Ball control drills Ball Control, Team Football Team play Tactics, Mini-Matches Mini-matches Judo Running drills Basic Throws, Holds, Tagging practice Falling Techniques Warm-up

Learning basic throws

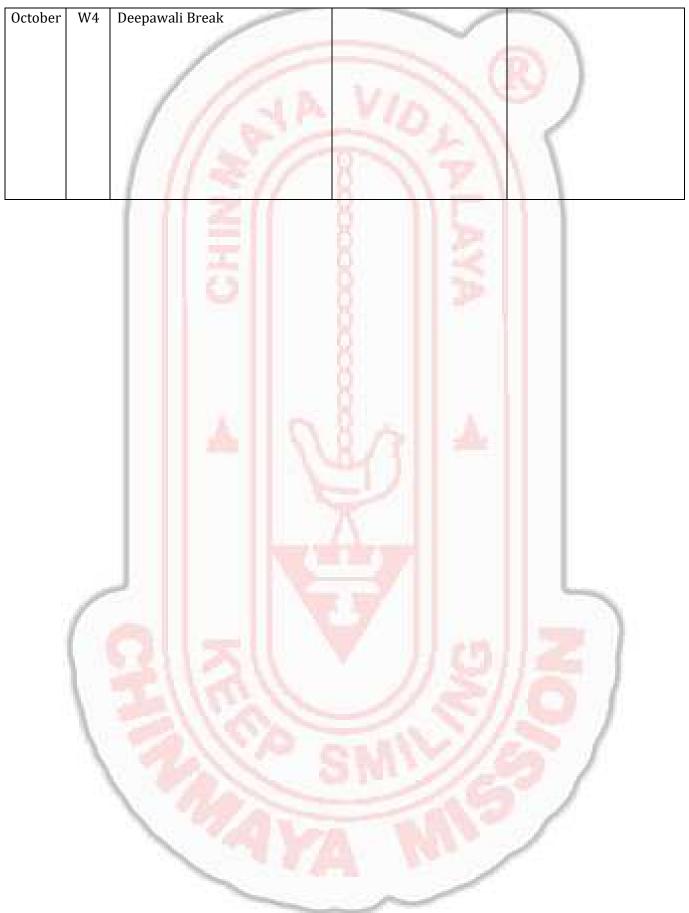
		1/310	VID	Falling techniques Basic holds
August	W1	Athletics Football	Middle Distance Running, Sprints Ball Control, Team Tactics, Mini-Matches	Warm-up Sprint drills Middle distance Relay races Warm-up Ball control drills Team play Mini-matches
		Judo	Basic Throws, Holds, Falling Techniques	Running drills Tagging practice Warm-up Learning basic throws Falling techniques Basic holds
August	W2	Athletics Football	Middle Distance Running, Sprints Ball Control, Team Tactics, Mini-Matches	Warm-up Sprint drills Middle distance Relay races Warm-up Ball control drills Team play Mini-matches
		Judo	Basic Throws, Holds, Falling Techniques	Running drills Tagging practice Warm-up Learning basic throws Falling techniques Basic holds

Subject: SPORTS & GAMES

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Month	Week		Topics	Sub Topics	Activities
August	W3	Athletics	2/	Middle Distance Running, Sprints	Warm-up Sprint drills Middle distance Relay races Warm-up Ball control drills
		Football		Ball Control, Team Tactics, Mini-Matches	Team play Mini-matches
		Judo		Basic Throws, Holds, Falling Techniques	Running drills Tagging practice Warm-up Learning basic throws Falling techniques Basic holds
August	W4	Athletics	1	Middle Distance Running, Sprints	Warm-up Sprint drills Middle distance Relay races Warm-up
		Footb <mark>a</mark> ll		Ball Control, Team Tactics, Mini-Matches	Ball control drills Team play Mini-matches
(Judo		Basic Throws, Holds, Falling Techniques	Running drills Tagging practice Warm-up Learning basic throws Falling techniques Basic holds
September		Volleyball	Carl Co	Passing, Serving, Teamwork	Warm-up Passing drills Serving practice - Teamwork activities
	1	Kho-Kho		Running, Tagging, Team Coordination	Warm-up Kho-Kho basic training Running drills Tagging practice Warm-up
		Judo	447	Basic Throws, Holds, Falling Techniques	Learning basic throws Falling techniques Basic holds Page 8 of 21

September	W2	Half Yearl	y Examinatio	n			
		Starts	/			- /	100
Caratarralara	TATO	HalfVand	- Farming Air		1/	11	
September	W3	Haif Yeari	y Examinatio	on	A.17		
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September	W4	Half Y <mark>e</mark> arl	y Examinatio	on	8		
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Month	Week	Topics	Sub Topics	Activities
October	W1	Dussehra Break	WY TX	
October	W2	Volleyball	Passing, Serving, Teamwork	Warm-up Passing drills Serving practice - Teamwork activities Warm-up
		Kho-Kho	Running, Tagging, Team Coordination	Kho-Kho basic training Running drills Tagging practice Warm-up
		Judo	Basic Throws, Holds, Falling Techniques	Learning basic throws Falling techniques Basic holds
October	W3	Volleyball	Passing, Serving, Teamwork	Warm-up Passing drills Serving practice - Teamwork activities
		Kho-Kho	Running, Tagging, Team Coordination	Warm-up Kho-Kho basic training Running drills Tagging practice Warm-up
	\	Judo	Basic Throws, Holds, Falling Techniques	Learning basic throws Falling techniques Basic holds

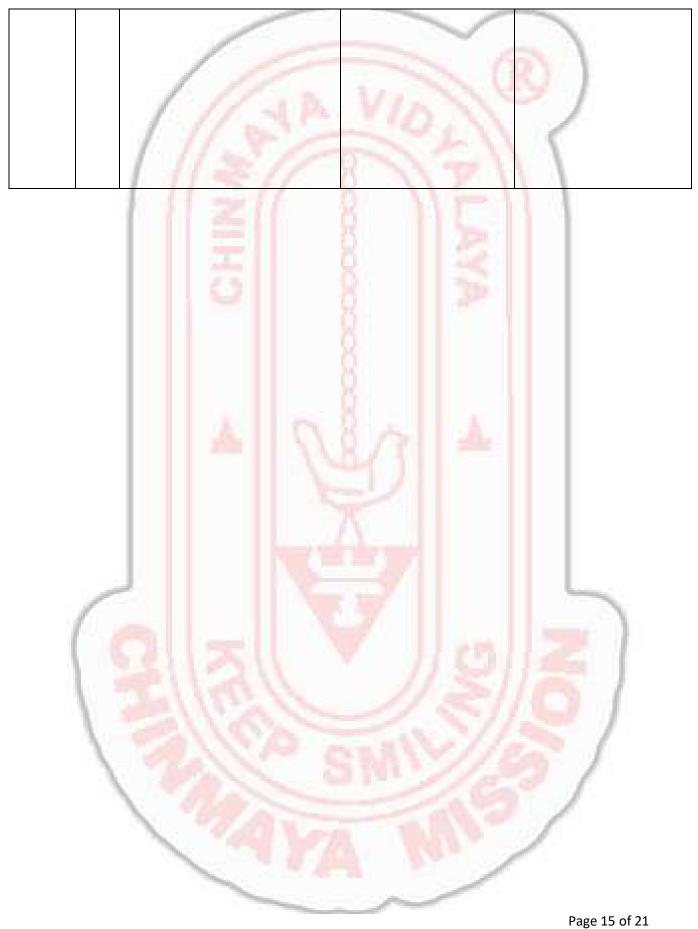


Month	Week	Topics	Sub Topics	Activities		
Nonmember		Volleyball Football	Passing, Serving, Teamwork Ball Control, Team	Warm-up Passing drills Serving practice - Teamwork activities Warm-up Ball control drills Team play Mini-matches		
		Basketball	Tactics, Mini-Matches Passing, Shooting, Dribbling, Defensive Drills	Warm-up Dribbling drills Passing and shooting -Defensive positioning		
Nonmember			Stretching, Flexibility, Mobility	Warm-up Dynamic stretching - Flexibility drills Cool down		
		Free Hand Exercise Football	Ball Control, Team Tactics, Mini-Matches	Warm-up Ball control drills Team play Mini-matches		
(1	Basketball	Passing, Shooting, Dribbling, Defensive Drills	Warm-up Dribbling drills Passing and shooting -Defensive positioning		
Nonmember	W3	SOPRTS DAY	SMI			

Nonmember	W4			Warm-up
				Passing drills
		Volleyball	Passing, Serving, Teamwork	Serving practice - Teamwork activities Warm-up Ball control drills
		Football	Ball Control, Team Tactics, Mini-Matches	Team play Mini-matches
		Basketball	Passing, Shooting, Dribbling, Defensive Drills	Warm-up Dribbling drills Passing and shooting -Defensive positioning



Month	Week	Topics	Sub Topics	Activities		
December	W1	Recreation game PT2 EXAMINATION STARTS				
December	· W2	PT2 EXAMINATION ENDS	3			
December		Volleyball Football Basketball	Passing, Serving, Teamwork Ball Control, Team Tactics, Mini-Matches Passing, Shooting, Dribbling, Defensive Drills	Warm-up Passing drills Serving practice - Teamwork activities Warm-up Ball control drills Team play Mini-matches Warm-up Dribbling drills Passing and shooting -Defensive positioning		
December		Volleyball	Passing, Serving, Teamwork	Warm-up Passing drills Serving practice - Teamwork activities Warm-up		
	3	Football Basketball	Ball Control, Team Tactics, Mini-Matches Passing, Shooting, Dribbling, Defensive Drills	Ball control drills Team play Mini-matches Warm-up Dribbling drills Passing and shooting -Defensive positioning		

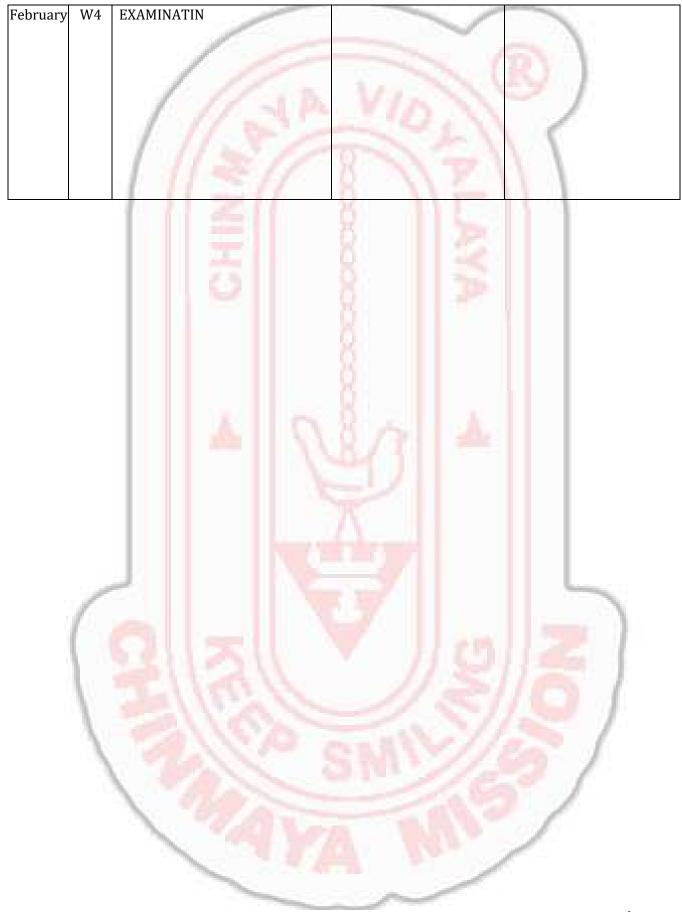


Month	Week	Topics	Sub Topics	Activities
January	W1	Winter Break		
January	W2	ō		Warm-up Passing drills Serving practice - Teamwork activities
		Volleyball	Passing, Serving, Teamwork	Warm-up Ball control drills
		Football	Ball Control, Team Tactics, Mini-Matches	Team play Mini-matches
		Basketball	Passing, Shooting, Dribbling, Defensive Drills	Warm-up Dribbling drills Passing and shooting -Defensive positioning
January	W3		7	Warm-up Passing drills Serving practice - Teamwork activities
		Volleyball	Passing, Serving, Teamwork	Warm-up
	1	Football	Ball Control, Team Tactics, Mini-Matches	Ball control drills Team play Mini-matches
	1	Basketball	Passing, Shooting, Dribbling, Defensive Drills	Warm-up Dribbling drills Passing and shooting -Defensive positioning

January	W4			Warm-up
			~	Passing drills
				Serving practice -
				Teamwork activities
		Volleyball	Passing, Serving,	Warm-up
		1 11 -	Teamwork	Ball control drills
		1 //	Ball Control, Team	Team play
		Football	Tactics, Mini-Matches	Mini-matches
		111-11	Passing, Shooting,	Warm-up
		Basketball	Dribbling, Defensive	Dribbling drills
		Dasketball	Drills	Passing and shooting
				-Defensive positioning
		6.3	0	
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Month	Week	Topics	Sub Topics	Activities
February	W1	11/2/		Warm-up Passing drills Serving practice - Teamwork activities
		Volleyball	Passing, Serving, Teamwork	Warm-up
		Football	Ball Control, Team Tactics, Mini-Matches	Ball control drills Team play Mini-matches
		Basketball	Passing, Shooting, Dribbling, Defensive Drills	Warm-up Dribbling drills Passing and shooting -Defensive positioning
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February	W2	EXAMINATIN		
February	W3	EXAMINATIN	SMI	



			B. M. J.			
Month	Week	Topics	Sub Topics	Activities		
March	W1	Practical & Annual Examination Starts	A KALLA			
	W2	Practical & Annual Examination				
	W3	Practical & Annual Examination Ends				
	W4					

Examination Wise Syllabus Breakup 2025-26

Examination	1	Chapter No./Chapter Name		
Term-1/Half Yearly Exam	1. 2. 3.	HIGHT & WEIGHT PHYSICAL FITNESS TEST SKILL TEST		
Term- 2/Annual Exam	1. 2. 3.	HIGHT & WEIGHT PHYSICAL FITNESS TEST SKILL TEST		

Chinmaya Vidyalaya NTPC Unchahar

ANNUAL SYLLABUS BREAK UP

SESSION: 2025-2026

CLASS: XI

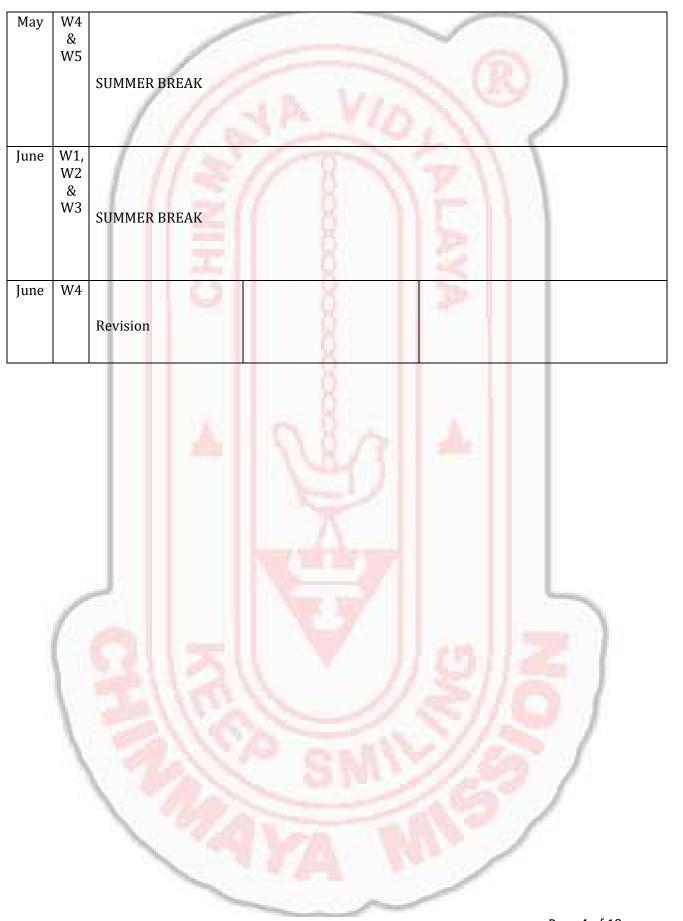
Subject: CHEMISTRY

Subject: Chemistry

Month	Week	Topics	Sub Topics	Activities
April	W1	TA N. S. S. S. S. S. S.	General Introduction: Importance and scope of Chemistry,	
April	W2	Some	,Nature of matter, laws of chemical combination,	Determination of pH of some solutions obtained from fruit juices, solution of known and varied concentrations of acids, bases and salts using pH paper or universal indicator.
April	W3	Basic Concepts of Chemistry	Dalton's atomic theory: concept of elements, atoms and molecules, atomic and molecular masses, mole concept and molar mass.	Preparation of standard solution of Oxalic acid.
April	W4	CHI	. Percentage composition, empirical and molecular formula, chemical reactions, stoichiometry and calculations based on stoichiometry.	Determination of strength of a given solution of Sodium hydroxide by titrating it against standard solution of Oxalic acid.
April	W5	Structure of Atom	Discovery of Electron, Proton and Neutron, atomic number, isotopes and isobars Thomson's model and its limitations.	

Subject: Chemistry

	Month Week Tonics Sub Tonics Activities					
Month	Week	Topics	Sub Topics	Activities		
May	W1	CHINA	Rutherford's model and its limitations, Bohr's model and its limitations ,Concept of shells and subshells, dual nature of matter and light, de	Salt analysis (Qualitative analysis) Determination of one cation and one anion in a given salt. Zero group cation (NH ₄ Cl)		
May	WZ	Structure of Atom	Broglie's relationship, Heisenberg uncertainty principle Rate of a reaction (concept of orbitals, quantum numbers, shapes of s, p and d orbitals, rules for filling electrons in orbitals			
May	W3		Aufbau principle, Pauli's exclusion principle and Hund's rule, electronic configuration of atoms, stability of half- filled and completely filled orbitals.	Determination of strength of a given solution of hydrochloric acid by titrating it against standard Sodium Carbonate solution.		



Subject: Chemistry Month Week **Topics** Activities **Sub Topics** Salt analysis (Qualitative W1 Significance of July classification, analysis) brief history of the Determination of one development of cation and one anion in a periodic table, given salt. modern periodic law and First group cation the present form Pb(CH₃COO)₂ of periodic table. W2 Salt analysis (Qualitative July periodic trends in Classification of analysis) properties of Elements and Determination of one elements -atomic radii, Periodicity in ionic radii, inert gas cation and one anion in a **Properties** radii, Ionization given salt. enthalpy, electron gain Second group cation enthalpy, electronegativity, CuSO₄ valiancy, Nomenclature of elements with atomic number greater than 100 July W3 Valence electrons, Salt analysis (Qualitative analysis) ionic bond, covalent bond, bond Determination of one parameters, Lewis cation and one anion in a structure given salt. Third group cation Chemical Bonding and $Al_2(SO_4)_3$ **Molecular Structure** Salt analysis (Qualitative W4 polar July analysis) character of covalent bond, covalent Determination of one character of ionic cation and one anion in a bond, valence bond given salt. theory, Third group cation resonance, geometry of covalent molecules,

Chemical Bonding and Molecular Structure	VSEPR theory, concept of hybridization involving s, p and d orbitals and shapes of some simple molecules

		Subject:	Chemistry	R)
Month	Week	Topics	Sub Topics	Activities
August	W1	Chemical Bonding and Molecular Structure	Molecular orbital theory of homonuclear diatomic molecules (qualitative idea only), Hydrogen bond.	Salt analysis (Qualitative analysis) Determination of one cation and one anion in a given salt Fourth group cation ZnCO ₃
August	W2		Concepts of System and types of systems, surroundings, work, heat, energy, extensive and intensive properties, state functions.	Salt analysis (Qualitative analysis) Determination of one cation and one anion in a given salt. Fifth group cation BaCl ₂
August	W3		First law of thermodynamics - internal energy and enthalpy, heat capacity and	Salt analysis (Qualitative analysis) Determination of one cation and one anion in a given salt. Sixth group cation
August	W4	Chemical Thermodynamics	specific heat, measurement of ΔU and ΔH, Hess's law of constant heat summation Enthalpy of bond dissociation, combustion, formation, atomization, sublimation, phase transition, ionization, solution and dilution. Second law of Thermodynamics (brief introduction),	5/

August W5	Chemical Thermodynamics Introduction of entropy as a state function, Gibb's energy change for spontaneous and non- spontaneous processes, criteria for equilibrium, Third law of thermodynamics (brief introduction).

J				
		Subject: (Chemistry	R)
Month	Week	Topics	Sub Topics	Activities
September	· W1	REVISION		
September	· W2	HALF YEARLY EXAMINATION	\$ 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
September	W3	HALF YEARLY EXAMINATION	8 3 1	
September		Redox Reactions	Concept of oxidation and reduction, redox reactions, oxidation number, balancing redox reactions, in terms of loss and gain of electrons and change in oxidation number. Applications of redox reactions.	Comparing the pH of solutions of strong and weak acids of same concentration.

Subject: Chemistry Topics Sub Topics Activities DUSSERA BREAK Equilibrium in physical and Study the pH chemical processes, dynamic nature of change by equilibrium, law of commonmass action, equilibriu<mark>m</mark> constant, factors affecting equilibriu<mark>m</mark> – Le ion in case of weak Chatelier's principle. acids and

Month

October

October

October

October

October

Week

W1

W2

W3

W4

W5

Equilibrium

		Page 10 of 18
-	examples).	
	illustrative	
	effect (with	a de la companya della companya della companya de la companya della companya dell
	ion	THE PARTY OF THE P
	product, common	THE RESERVE OF THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TO THE PERSON NA
	Equation, solubility	
	Henderson	1150
	buffer solution,	7//500 /
	(elementary idea)	
	salts	
١	strength, concept of pH, hydrolysis of	
	basic acids,acid	1 32 11
	ionization of poly	11711
	ionization,	Total Section 1
	Degree of	0
	electrolytes,	indicator.
	and weak	using a universal
	bases, strong	strong base
	ionization of acids and	t <mark>itration of a</mark>
	equilibrium-	change in the
	ionic	Study the pH
	TIK/I	bases.
	NA.CHEST	weak

Subject: Chemistry

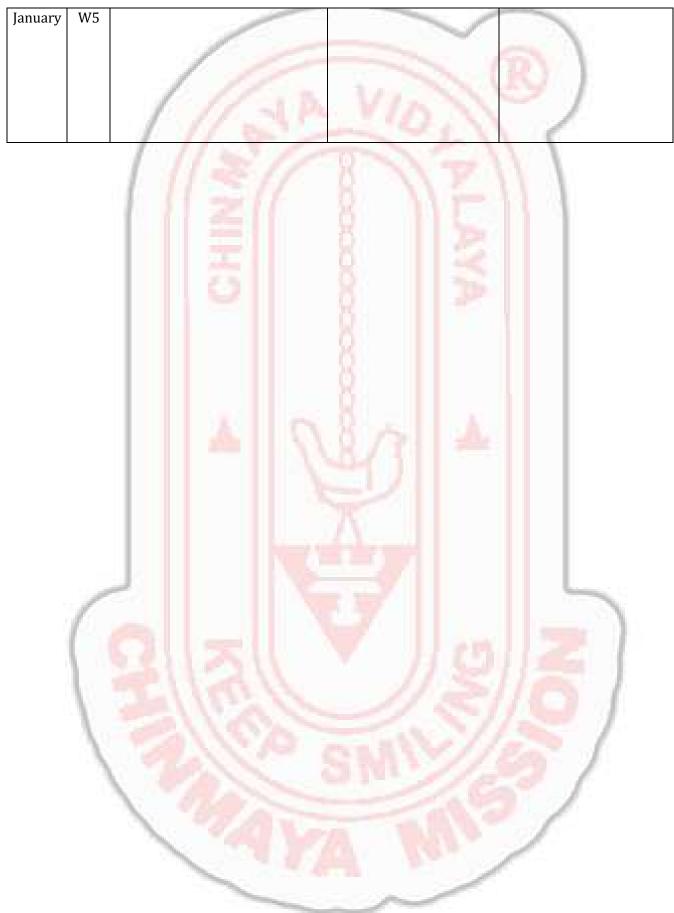
Month	Week	Topics	Sub Topics	Activities
November	W1	s & p Block Elements	Electronic configuration, atomic & lonic radii, lonization Enthalpy, Hydration Enthalpy and general trends in physical and chemical properties of s and p block elements across the periods and down the groups; unique behavior of the first element in each group.	AKAMA I
November	W2	The Gaseous State	Qualitative treatment of Gas laws, Ideal gas equation and deviations from it.	
November		Organic Chemistry – Some Basic Principles and Techniques	General introduction, methods of purification, qualitative and quantitative analysis, classification and IUPAC nomenclature of organic compounds. Electronic displacements in a covalent bond: inductive effect, electrometric effect, resonance and hyper conjugation	

November W5	Homolytic and heterolytic fission of a covalent bond: free radicals, carbocations, carbanions
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	A VA MIS

Subject: Chemistry Month Week **Topics Sub Topics Activities** Organic Chemistry -December W1 Electrophiles and Some Basic Principles nucleophiles, types of organic and Techniques reactions. Aliphatic Hydrocarbons December W2 Alkanes -Nomenclature, isomerism. conformation (ethane only), physical properties, chemical reactions including free radical mechanism of halogenation, combustion and pyrolysis. December W3 Alkenes -Nomenclature, **Hydrocarbons** structure of double bond (ethene), geometrical isomerism, physical properties, methods of preparation, chemical reactions: addition of hydrogen, halogen, water, hydrogen halides (Markovnikov's addition and peroxide effect), ozonolysis, oxidation,

December W4 December W5	A CHINAS	mechanism of electrophilic addition. Alkynes - Nomenclature, structure of triple bond (ethyne), physical properties, methods of preparation, chemical reactions: acidic character of alkynes, addition reaction of - hydrogen, halogens, hydrogen halides and water. Aromatic Hydrocarbons Introduction, IUPAC nomenclature,

Subject: Chemistry Month Week **Topics** Activities **Sub Topics** W1 Winter Break January W2 January benzene: resonance, aromaticity, chemical properties, Mechanism of electrophilic substitution. Nitration, sulphonation, halogenation, Friedel Craft's alkylation and acylation, directive **Hydrocarbons** influence of functional group in mono substituted benzene, carcinogenicity and toxicity W3 January W4 January REVISION



Subject: Chemistry Month Week **Topics Sub Topics** Activities February W1 W2 February February W3 REVISION W4 February February W5 Page 17 of 18

Examination Wise Syllabus Breakup 2025-26

	(303)
Examination	Chapter No./Chapter Name
PT-1	1. SOME BASIC CONCEPT OF CHEMISTRY
	2. STRUCTURE OF ATOM
1	
Term-1/Half	1. SOME BASIC CONCEPT OF CHEMISTRY
Yearly Exam	2. STRUCTURE OF ATOM
	3. CLASSIFICATION OF ELEMENTS AND
	PERIODICITY IN PROPERTIES
	4. CHEMICAL BONDING
	5. THERMODYNAMICS
PT-2	6. EQUILIBRIUM
112	7. REDOX
	Q Q
ANNUAL	1. SOME BASIC CONCEPT OF CHEMISTRY
EXAMINATION	N2. STRUCTURE OF ATOM
	3. CLASSIFICATION OF ELEMENTS AND
	PERIODICITY IN PROPERTIES
	4. CHEMICAL BONDING
	5. CHEMICAL THERMODYNAMICS
	6. EQUILIBRIUM
	7. REDOX REACTIONS 8. ORGANIC CHEMISTRY
	SOME BASIC PRINCIPLES AND TECHNIQUES
F. 100	9. HYDROCARBONS
	7. III DIGGINDONS

Chinmaya Vidyalaya NTPC Unchahar

ANNUAL SYLLABUS BREAK UP

SESSION: 2025-2026

CLASS: XI

Month	Week	Topics	Sub Topics	Activities
April	W1	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). Exercise Problems	To represent set theoretic operations using Venn diagrams.
April	W2	Sets	Universal set. Venn diagrams. Union and Intersection of sets. Exercise Problems	
April	W3	Sets	Difference of sets. Complement of a set. Properties of Complement. Exercise Problems	
April	W4	Relations & Functions	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.	
April	W5	Relations & Functions		1150

Month	Week	Topics	Sub Topics	Activities
May	W1	Relations & Functions	constant, identity, polynomial, rational, modulus, signum, exponential, logarithmic and greatest integer functions, with their graphs. Sum, difference, product and quotients of functions. Exercise Problems	To find the values of sine and cosine functions in second, third and fourth quadrants using their given values in first quadrant
May	W2	Trigonometric F <mark>unct</mark> ions	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. Exercise Problems	
May	W3			
May	W4	1811	8 1	3/15/
May	W5		SMI	

Subject: Mathematics						
Month	Week	Topics	Sub Topics	Activities		
June	W1	1/3/				
June	W2	1 三	30000000000000000000000000000000000000			
June	W3	A 9	8 A			
June	W4	Trigonometric Functions	Truth of the identity $sin2x + cos2x = 1$, for all x. Signs of 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.			
June	W5	Trigonometric Functions	Deducing identities Exercise Problems	0		

Month	Week	Topics	Sub Topics	Activities
July	W1	Complex Numbers and Quadratic Equations	Need for complex numbers, especially √-1, to be motivated by inability to solve some of the quadratic equations.	
July	W2	0	Algebraic properties of complex numbers. Argand plane. Exercise Problems	
July	W3	Linear Inequalities	Linear inequalities. Algebraic solutions of linear inequalities in one variable and their representation on the number line.	
July	W4	Permutations and Combinations	Fundamental principle of counting. Factorial n. (n!) Permutations and combinations Exercise Problems	
July	W5	Permutations and Combinations	derivation of Formulae for n Pr, nCr and their connections, simple applications. Exercise Problems	

Month	Week	Topics	Sub Topics	Activities	
August	W1	Binomial Theorem	Historical perspective, statement	To obtain a quadratic function with the help of linear functions graphically.	
August	W2	Binomial Theorem	proof of the binomial theorem for positive integral indices. Pascal's triangle, simple applications. Exercise Problems	5	
August	W3	Sequence and Series	Sequence and Series. Arithmetic Mean (A.M.) Geometric Progression (G.P.), general term of a G.P		
August	W4	Sequence and Series	sum of n terms of a G.P., infinite G.P. and its sum, geometric mean (G.M.), Exercise Problems		
August	W5	Sequence and Series	geometric mean (G.M.), relation between A.M. and G.M Exercise Problems		

	Subject: N	Mathematics	
(Topics	Sub Topics	Activities
	Revision for HYE		
	Half yearly Examination	XA A	
	Half y <mark>e</mark> arly Examination	XX (

September	W4	Straight Lines	Brief recall of two-	
		1.7%	dimensional geometry	
			from earlier classes.	
			Slope of a line and angle	
		The second secon	between two lines.	
			Various forms of	
		20 10 10 10 10 10 10 10 10 10 10 10 10 10	equations of a line:	The second second
5.0	1		parallel to axis,	
September	W5	Straight Lines	point -slope form, slope-	
- 4			intercept form, two-point	10000
- 3			form	
			Exercise Problems	
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Week

Month

September W1

September W2

September W3

				(TO)
Month	Week	Topics	Sub Topics	Activities
October	W1	Straight Lines	intercept form. Distance of a point from a line. Exercise Problems	
October	W2	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. Exercise Problems	To constru ct a parabol a
October	W3	Conic Sections	Standard equations and simple properties of parabola, ellipse and hyperbola. Standard equation of a circle.	
October	W4	Introduction to Three-dimensional Geometry	Coordinate axes and coordinate planes in three dimensions. Exercise Problems	
October	W5	Introduction to Three-dimensional Geometry	Coordinates of a point. Distance between two points. Exercise Problems	

Month	Week	Topics	Sub Topics	Activities
November		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, Exercise Problems	Verification of the geometrical significance of derivative
November	W2	Limits and Derivatives	Limits of polynomials and rational functions trigonometric, exponential and logarithmic functions. Definition of derivative relate it to scope of tangent of the curve, Exercise Problems	
November	W3	Limits and Derivatives	derivative of sum ,difference, product and quotient of functions of polynomial and trigonometric functions. Exercise Problems	
November r	W4	Statistics	Measures of Dispersion: Range, Mean deviation, Exercise Problems	9/2
November	W5	Statistics	Mean deviation Exercise Problems	

				630
Month	Week	Topics	Sub Topics	Activities
December	W1	Statistics PT-2 Examination	variance of ungrouped/grouped data. Exercise Problems	
December	W2		standard deviation of ungrouped/grouped data. Exercise Problems	3
December	W3	Probability	Events; occurrence of events, 'not', 'and' and 'or' events, exhaustive events Exercise Problems	Verification of the geometrical significance of derivative
December	W4	Probability	Events; occurrence of events, 'not', 'and' and 'or' events, exhaustive events Exercise Problems	
December	W5	Annual Day Winter Break Starts	SMI	

Month	Week	Topics	Sub Topics	Activities	
January	W1	Winter Break	- The second		
January	W2	Probability	probability, connections with other theories of earlier classes. Probability of an event, Exercise Problems		
January	W3	Probability	probability of 'not', 'and' and 'or' events. Exercise Problems		
January	W4	Revision for Annual Examina			
January	W5	Revision for Annual Examina	ation	6	

February W2 Revision for Annual Examination February W3 Revision for Annual Examination Examination			Subject: N	Mathematics	
February W2 Revision for Annual Examination February W3 Revision for Annual Examination Examination	Month	Week	Topics	Sub Topics	Activities
February W3 Revision for Annual Examination	February	W1			
Examination	February	W2	Revision for Annual Examination	300000	
February W4 Revision for Annual Examination	February	W3		2/3	
	February	W4	Revision for Annual Examination		

Subject: Mathematics					
Month	Week	Topics	J.Pu	Sub Topics	Activities
March	W1	Annual Examination	1	NE P	
March	W2	Annual Examination		3 5	
March	W3	Annual Examination	9	43	
	W4				

Examination Wise Syllabus Breakup 2025-26

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Examination	Chapter No./Chapter Name
PT-1	1. Sets 2. Relations & Functions 3. Trigonometric Functions
Term-1/Half	1. Sets
Yearly Exam	 Relations & Functions Trigonometric Functions Complex Numbers & Quadratic Equation Linear Inequalities Permutations & Combinations Binomial Theorem Sequences and Series
	10 . Straight Lines 11. Conic Sections
Term-	Whole syllabus
2/Annual Exam	

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ANNUAL SYLLABUS BREAK UP

SESSION: 2025-2026

CLASS: XI

Subject: PHYSICS

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Month	Week	Topics	Sub Topics	Activities
April	W1	Chapter–2: Units and Measurements	Need for measurement: Units of measurement; systems of units; SI units, fundamental and derived units. significant figures.	3. To determine volume of an irregular lamina using screw gauge. Activities
April	W2		Dimensions of physical quantities, dimensional analysis and its applications. Mathematical Tools	1. To make a paper scale of given least count, e.g., 0.2cm, 0.5 cm.
April	W3	Chapter-3: Motion in a Straight	Line Frame of reference, Motion in a straight line, Elementary concepts of differentiation and integration for describing motion, ,	1. To measure diameter of a small spherical/cylindrical body and to measure internal diameter and depth of a given beaker/calorimeter using Vernier Callipers and hence find its volume.
April	W4		uniform and non- uniform motion, and instantaneous velocity, uniformly accelerated motion, velocity - time and position-time graphs.	2. To measure diameter of a given wire and
April	W5		Relations for uniformly accelerated motion (graphical treatment).	

		1 11		
Month	Week	Topics	Sub Topics	Activities
May	W1	Chapter-4: Motion in a Plane	, Scalar and vector quantities; position and displacement vectors, general vectors and their notations; equality of vectors, multiplication of vectors by a real number; addition and subtraction of vectors, Unit vector;	3. To determine volume of an irregular lamina using screw gauge.
May	W2		resolution of a vector in a plane, rectangular components, Scalar and Vector product of vectors. Motion in a plane, cases of uniform velocity and uniform acceleration-	4. To determine radius of curvature of a given spherical surface by a spherometer.
May	W3	aldai	projectile motion, uniform circular motion.	
May	W4	SUMMER	VACATION	
May	W5		SMI	

		Sub	oject: Physics	
Month	Week	Topics	Sub Topics	Activities
JUNE	W1	1/27		
JUNE	W2	E	8000	
JUNE	W3	A		
JUNE	W4	Chapter-4: Motion in a Plan	cases of uniform velocity and uniform acceleration- projectile motion,	
JUNE	W5	3/3/	uniform circular motion.	[3]

Month	Week	Topics	Sub Topics	Activities			
JULY	W1	Chapter–5: Laws of Motion,	Intuitive concept of force, Inertia, Newton's first law of motion; momentum and Newton's second law of motion; impulse; Newton's third law of motion.				
JULY	W2	3	Law of conservation of linear momentum and its applications. Equilibrium of concurrent forces, Static and kinetic friction, laws of friction, rolling friction, lubrication. Dynamics of uniform circular motion:	3. To determine volume of an irregular lamina using screw gauge.			
JULY	W3	A	Centripetal force, examples of circular motion (vehicle on a level circular road, vehicle on a banked road).	4. To determine radius of curvature of a given spherical surface by a spherometer.			
JULY	W4		Work done by a constant force and a variable force; kinetic energy,				
JULY	W5		work- energy theorem, power. Notion of potential energy,				

Month	Week	Topics	Sub Topics	Activities			
AUGUST	W1	//XX	potential energy of a spring, conservative forces: non-conservative forces, motion in a vertical circle; elastic and inelastic collisions in one and two dimensions.	5. To determine radius of curvature of a given spherical surface by a spherometer.			
AUGUST	W2	Chapter–7: System of Particles and Rotational Motion,	Centre of mass of a two-particle system, momentum conservation and	Practice MCQ, Assertion Reasoning graphical and content based questions on above topics.			
AUGUST	W3		momentum, law of conservation of angular momentum and its applications.	Practice MCQ, Assertion Reasoning graphical and content based questions on above topics.			
AUGUST	W4		comparison of linear and rotational motions. Moment of inertia, radius of gyration, values of moments of inertia for simple geometrical objects (no derivation).				
AUGUST	W5		rigid body rotation and equations of rotational motion,				

Month	Week	Topics	Sub Topics	Activities			
SEPTEMBER	W1	Chapter–8: Gravitation,	Kepler's laws of planetary motion, universal law of gravitation. Acceleration due to gravity and its variation with altitude and depth.				
SEPTEMBER	W2		Gravitational potential energy and gravitational potential, escape speed, orbital velocity of a satellite.				
SEPTEMBER	W3	Chapter-9: Mechanical Properties of Solids,	Elasticity, Stress-strain relationship, Hooke's law, Young's modulus, bulk modulus, shear modulus of rigidity (qualitative idea only), Poisson's ratio; elastic energy.				
SEPTEMBER	W4	Chapter–10: Mechanical Properties of Fluids,	Bernoulli's theorem and its simple applications.	L			
SEPTEMBER	W5		Surface energy and surface tension,	NO			

Month	Week	Topics	Sub Topics	Activities			
OCT	W1	1/8	angle of contact, excess of pressure across a curved surface, application of surface tension				
OCT	W2	Chapter–11: Thermal Properties of Matter,	Heat, temperature, thermal expansion; thermal expansion of solids, liquids and gases, anomalous expansion of water;	Conceptual, graphical questions, Ray diagrams and numerical on above topics • Practice Assertion Reasoning and content based Questions			
OCT	W3	A	specific heat capacity; Cp, & Cv - calorimetry; change of state - latent heat capacity. Heat transfer-conduction, convection and radiation, thermal conductivity, qualitative ideas of Blackbody radiation, Wein's displacement Law, Stefan's law.				
OCT	W4	Chapter–12: Thermodynamics,	Thermal equilibrium and definition of temperature, zeroth law of thermodynamics, heat, work and internal energy. First law of thermodynamics, Second law of thermodynamics: gaseous state of matter,	Conceptual, graphical questions, Ray diagrams and numerical on above topics • Practice Assertion Reasoning and content based Questions			
OCT	W5		change of condition, of gaseous state - isothermal, adiabatic, reversible, irreversible, and cyclic processes.				

Month	Week	Topics	Sub Topics	Activities			
NOV	W1	//×	heat, work and internal energy. First law of thermodynamics, Second law of thermodynamics: gaseous state of matter,	To study the relationship between the temperature of a hot body and time by plotting a cooling curve.			
NOV	W2	Ö	First law of thermodynamics, Second law of thermodynamics: gaseous state of matter,	To determine specific heat capacity of a given solid by method of mixtures.			
NOV	W3	144	change of condition, of gaseous state - isothermal, adiabatic, reversible, irreversible, and cyclic processes.	To study the relationship between the temperature of a hot body and time by plotting a cooling curve.			
NOV	W4	Chapter–13: Kinetic Theory	Equation of state of a perfect gas, work done in compressing a gas.Kinetic theory of gases - assumptions, concept of pressure. Kinetic interpretation of temperature;	Activities . To observe change of state and plot a cooling curve for molten wax.			
NOV	W5		rms speed of gas molecules; degrees of freedom,	To determine time period of simple pendulum.			

Month	Week	Topics	Sub Topics	Activities		
DEC	W1		law of equi-partition of energy (statement only) and application to specific heat capacities of gases; concept of mean free path, Avogadro's number.			
DEC	W2	Chapter–14: Oscillations,	Periodic motion - time period, frequency, displacement as a function of time, periodic functions and their applications. Simple harmonic motion (S.H.M) and its equations of motion; phase;	Practice of Content based questions Assessment reasoning questions		
DEC	W3	4	oscillations of a loaded spring- restoring force and force constant; energy in S.H.M.Kinetic and potential energies; simple pendulum derivation of expression for its time period.	Derivations, Statement of laws and Diagrams Time bound practice of solving Question papers.		
DEC	W4	Chapter-15: Waves	, Wave motion: Transverse and longitudinal waves,	Practice of Content based questions Assessment reasoning questions Derivations, Statement of laws and Diagrams Time bound practice of solving Question papers.		
DEC	W5		speed of travelling wave, displacement relation for a progressive wave, Beats and its applications	Practice of Content based questions Assessment reasoning questions Derivations, Statement of laws and Diagrams Time bound practice of solving Question papers.		

Subjec	t: Physics	2)
Topics	Sub Topics	Activities
PRACTICE OF M CQ	P. L.A.	
PRACTICE OF M CQ PRACTICE OF CASE STUDY	300000	
CASE STUDI	340	

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JAN	W5	PRACTICE OF SAMPLE PAPER/	1992
	\ I	PREVIOUS YEAR PAPERS	I I I I I
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Week

W1

W2

W3

W4

QUESTIONS

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PRACTICE OF CASE STUDY

Month

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				Subject	: Physics	~	501	1
Month	Week		Горісѕ		Sub To	opics		Activities
FEB	W1	REVISION	MAN	1	8	N P	1	
FEB	W2	REVISION	ō		000000	N.Y.A		
FEB	W3	ANNUAL EX	AM	0		<u>.</u>		
FEB	W4			A.				
FEB	W5		2			80		
	1	100					3	
								Page 12 of 13

Examination Wise Syllabus Breakup 2025-26

Examination	Chapter No./Chapter Name
PT-1	Chapter–2: Units and Measurements Chapter–3: Motion in a Straight Line
Term-1/Half	Chapter–2: Units and Measurements
Yearly Exam	Chapter–3: Motion in a Straight Line Chapter–4: Motion in a Plane Chapter–5: Laws of Motion Chapter–6: Work, Energy and Power
PT-2	Chapter–8: Gravitation Chapter–9: Mechanical Properties of Solids
Term-	Chapter–2: Units and Measurements
2/Annual Exam	Chapter–3: Motion in a Straight Line Chapter–4: Motion in a Plane Chapter–5: Laws of Motion Chapter–6: Work, Energy and Power Chapter–7: System of Particles and Rotational Motion Chapter–8: Gravitation Chapter–9: Mechanical Properties of Solids Chapter–10: Mechanical Properties of Fluids Chapter–11: Thermal Properties of Matter Chapter–12: Thermodynamics Chapter–13: Kinetic Theory
1	Chapter–14: Oscillations Chapter–15: Waves

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ANNUAL SYLLABUS BREAK UP

SESSION: 2025-2026

CLASS: XI

Subject : CS

Subject: CS

Month Week Tonics Activities						
Week	Topics	Sub Topics	Activities			
W1	1 11 4	Introduction	11 2 11			
W2	Som <mark>e</mark> Basi <mark>c</mark>	Class X Revision				
W3		3 11	JPR 1			
W4	of Python	= 11 8	113			
W5	Introduction of CSO	computer organisation: Introduction to Computer System, hardware, software, input device, output device, CPU, memory (primary, cache and secondary), units of memory (bit, byte, KB, MB, GB, TB, PB) Types of software: System software (Operating systems, system utilities, device drivers), programming tools and language translators (assembler, compiler, and interpreter),	Introduction to Hardware: Discuss the basic components of a computer system (CPU, memory, storage, input/output devices) using visuals and interactive simulations. Students can disassemble and reassemble a model computer to solidify understanding. Inside the CPU: Explain the fetch-decode-execute cycle of the CPU and introduce concepts like clock speed and binary representation of data. Students can create a flowchart or animation depicting the cycle.			
	W1 W2 W3 W4	W1 Some Basic Concepts of Python W5 Introduction of	W1 W2 Basic Concepts of Python W5 Introduction of CSO Unit 1 : Basic computer organisation: Introduction to Computer System, hardware, software, input device, output device, CPU, memory (primary, cache and secondary), units of memory (bit, byte, KB, MB, GB, TB, PB) Types of software: System software (Operating systems, system utilities, device drivers), programming tools and language translators (assembler, compiler,			

Subject	t: CS
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Month	Week	Topics	Sub Topics	Activities
May	W1	Introduction	Unit 1: Operating System(OS): functions of the operating system, OS user interface, Boolean logic truth tables and De Morgan's laws, Logic circuits,	Memory and Storage: Differentiate between primary and secondary memory, explore storage devices (HDD, SSD), and discuss storage hierarchy. Students can participate in a memory game where they act as different memory components. Week 4: Input and Output: Explain various input and output devices, their functionalities, and data transfer concepts. Students can research and present on specific input/output devices and their applications.
May	W2 W3	of CSO	Number System: Binary, Octal, Decimal and Hexadecimal number system; conversion between number systems, Encoding	Number System Conversion PPT Presentation
May	W4		Schemes: ASCII, ISCII, and Unicode (UTF8, UTF32)	
- 1	& W5	SUMMER BREAK		11012
June	W1, W2 & W3	SUMMER BREAK	SN	
June	W4	Revision	4 MA	Maria

		Sub	ject: CS	6
Month	Week	Topics	Sub Topics	Activities
July	W1	Revision	VIA	
July	W2	Python Introduction	Familiarization with the basics of Python programming: Introduction to Python, Features of Python, executing a simple "hello world" program, execution modes: interactive mode and script mode, Python character set, Python tokens(keyword, identifier, literal, operator, punctuator), variables, concept of I-value and r-value, use of comments	Introduction to Python: Set up a development environment and introduce basic syntax (variables, data types, operators). Students can write simple Python programs to perform calculations and print messages.
July	W3	Data Types &	Knowledge of data types: Number (integer, floating point,complex), boolean, sequence(string, list, tuple), None, Mapping(dictionary), mutable and immutable data types.	Lab Work
July	W4	Data Operators	Operators: arithmetic operators, relational operators, logical operators, assignment operators, augmented assignment operators, identity operators (is, is not), membership operators (in not in)	Lab Work
	W5	Print/ Input Function	I/O Operation	Lab Work

	Subject: CS					
Month	Week	Topics	Sub Topics	Activities		
August	W1	Errors	syntax errors, logical errors, and run-time errors	PPT Presentation and Problem Solving Questions		
August	W2	Flow of Control	sequential flow, conditional and iterative flow Conditional statements: if, if-else, if- elif-else, flowcharts, simple programs	Students can develop programs to solve problems involving decision-making and repetition.		
August	W3		loops (for, while) with real-world examples	repetition.		
August	W4		Expressions, statement, type conversion,	Problem Solving Activities		
August	W5	Jump Statement, Function & Module	break and continue statements, nested loops, User Define Function, Math Module, Random Module, Statistics Module	Lab Work		

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		Su	ıbje	ect: CS	R)
Month	Week	Topics	D.	Sub Topics	Activities
September	W1	REVISION			
September	W2	HALF YEARLY EXAMINATI	ION	5	
September	W3	HALF YEARLY EXAMINATION	1	8 3 13	
September	W4			Functions of List, List Indexing	Lab Work
September	W5	List		Slicing & Traversing	NO /

Subject: CS				
Month	Week	Topics	Sub Topics	Activities
October	W1	DUSSERA BREAK		
October	W2	3	Introduction of dictionary, Key and values concept	Lab Work
October	W3		Functions of Dictionary	Lab Work
		AL.	NEA	
October	W4	Dictionary	Traversing a Dictionary	Lab Work
October	W5		Operations	Lab Work
	1		SMI	1659/

Subject: CS				
Month	Week	Topics	Sub Topics	Activities
November	W1	Tuples	Functions of Tuple, List Indexing	Lab Work
November	W2	1112	Slicing & Traversing	Lab Work
November		CHIS	Function	Lab Work
November	W4	String	Traversing	Lab Work
November	W5		Operations	Lab Work
		alla	1 W	

	Subject: CS					
Month	Week	Topics	Sub Topics	Activities		
December	W1	Revision				
December	W2	Ö	Digital Footprints, Digital Society and Netizen: net etiquettes, communication etiquettes, social media, etiquettes, Data Protection: Intellectual property rights (copyright, patent, trademark), violation of IPR (plagiarism, copyright infringement, trademark infringement), open source software and licensing (Creative Commons, GPL and Apache)	Lab Work		
December	W3	Unit 3	Cyber Crime: definition, hacking, eavesdropping, phishing and fraud emails, ransomware, cyber trolls, cyber bullying, Cyber safety: safely browsing the web, identity protection, confidentiality	Lab Work		
December	W4		Malware: viruses, trojans, adware, E-waste management: proper disposal of used electronic gadgets, Information Technology Act (IT Act), Technology and society: Gender and disability issues while teaching and usingcomputers	Lab Work		
December	W5	(38) N	PPT Presentation	Seminar		

Subject: CS				
Month	Week	Topics	Sub Top	ics Activities
January	W1	Winter Break	200	
January	W2	Project Work	000000	5
January	W3	A	183	Seminar on Unit 3
January	W4	REVISION		Seminar on Unit 2
January	W5			Seminar on Unit 1

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	1/	Subject: CS	A OR	//
Month Week	Topics	Sub Top	ics	Activities
February W1		000000		
February W2	Ö	800000	3	
February W3	REVISION	180	A	
February W4				5
February W5		SMI		5/
	To the same of the	YAN	W.	
				Page 11 of 12

Examination Wise Syllabus Breakup 2025-26

	1 20
Examination	Chapter No./Chapter Name
PT-1	1. Unit 1
/	2. Python Introduction
1	
Term-1/Half	
Yearly Exam	1. Unit 1
	2. Python Introduction
	3. Operators
	4. Data Types
	5. Errors
	6. Function & Module
	7. Loops & Conditional Statement
PT-2	8. List
	9. Tuple
	10.String
	11. Dictionary
ANNUAL	1. Unit 1
EXAMINATION	2. Unit 2
	3. Unit 3

Chinmaya Vidyalaya NTPC Unchahar

ANNUAL SYLLABUS BREAK UP

SESSION: 2025-2026

CLASS: XI

Subject: Hindi

7		
		Subject: Hindi
Month	Week	Topics Sub Topics Activities
April	W1	नमक का दारोगा और क्यों ?
April	W2	कबीर के पद छात्र कबीर की संक्षिप्त जीवनी लिखेंगे
April	W3	पत्र लेखन एक पोस्टकार्ड लिखेंगे जिसमें किसी बात को मन की बात में शामिल करने का अनुरोध किया गया हो।
April	W4	जनसंचार माध्यम
April	W5	जनसंचार माध्यम
		A LA Bar

Subject: Hindi						
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Month	Week	Topics		Sub Topics	Activities	
May	W1	पत्रकारिता के विविध आयाम		000000		
May	W2	मियाँ नसीरुद्दीन	6	00000	अपने मनपसंद खाने की बनाने की विधि लिखिए	
May	W3	मीरा के पद				
May	W4	ग्रीष्मावकाश				
May	W5	ग्रीष्मावकाश	/// 0/	SMI		

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		Subje	ct: Hindi				
Month	Week	Topics	Sub Topics	Activities			
June	W1	ग्रीष्मावकाश	_ A/\(\sigma\)				
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June	W2	ग्रीष्मावकाश					
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June	W3	ग्रीष्मावकाश	8 11				
		, _	g II .				
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			<u>- 111 }-</u>				
June	W4	भारतीय गायिकाओं में बेजाड़ : लता मंगेशकर	='/ II				
		लिया नगरावर	π				
June	W5	भारतीय गायिकाओं में बेजाड़ :	 	छात्र लता जी के उन			
		लता मंगेशकर		गानों का संकलन करेंगे			
			* // Y	जो उन्हें पसंद है			
				1/65			

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			Subje	ct: Hindi	R
	Month	Week	Topics	Sub Topics	Activities
	July	W1	घर की याद	PLAN	आपको घर के किस सदस्य की अधिक याद आती है और क्यों ?
	July	W2	रचनात्मक लेखन	Α	
	July	W3	चंपा काले–काले अच्छर नहीं चीन्हती		छात्र वर्तमान की साक्षरता पर एक अनुच्छेद लिखेंगे
	July	W4	गज़ल		
	July	W5	अपू के साथ ढाई साल	SMI	छात्र चिड़ियों की एक छोटी डाकुमेंट्री फिल्म बनाऍगे

			S	ubjec	t: Hindi		<u>~</u>
Mon	ıth	Week	Topics	A	Sub Topics		Activities
Augu	ust	W1	अपठित गद्यांश एवं पद्यांश		T		\
						- -	
Augu	ust	W2	अपिटेत गद्याश एव पद्र	याश		Y A	
Augu	ust	W3	विदाई संभाषण	0		A	छात्र लार्ड कर्जन की आलोचनात्मक समीक्षा करेंगे
Augu	ust	W4	गलता लोहा	7			
Augu	ust	W5	रजनी		SALIV		ट्यूशन के संदर्भ में छात्र अपने विचार कॉपी में लिखेंगे

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	Subject: Hindi					
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Month	Week	Topics		Sub To	pics	Activities
September	W1	पुनरावृत्ति	1	VI	11:1	
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September	W2	पुनरावृत्ति		ğ		
		पी टी– 2 परीक्षा		8 1		
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				Q Ι		
September	W3	पी टी– 2 परीक्षा		ŏ		
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			ΠG	ŭΛ		
			Π / A	ا () ب		
September	W4	जामुन का पेड़	1 2	3/		छात्र जामन के पेड की
				Д І		छात्र जामुन के पेड़ की विशेषताऍ लिखेंगे
C 1	147F			13/4		
September	W5	जामुन का पेड़	H N			112
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	Subject: Hindi						
Month	Week	Topics	Sub Topics	Activities			
October	W1	डायरी लिखने की कला	A/W ://				
October	W2	कथा-पटकथा	WA.				
October	W3	राजस्थान की रजत बूँदें	00 00 00 00 00 00 00 00 00 00 00 00 00	छात्र पानी के महत्त्व पर एक अनुच्छेद लिखेंगे			
October	W4	सबसे खतरनाक					
October	W5	सबसे खतरनाक	V 25	NO.			

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		Sı	ubjec	t: Hindi		ନ
Month	Week	Topics	A	Sub Topic	s	Activities
November	W1	हे भूख मत मचल हे मेरे जूही के फूल जैसे ईश्वर		100000	MINITA	
November	W2	हे भूख मत मचल हे मेरे जूही के फूल जैसे	इंश्वर	0000000	WA	
November	W3	भारत माता	1		<u></u>	
November	W4	आओ मिलकर बचाएँ	Ę	216		आप अपने आसपास की किन चीजों को बचाना चाहते हैं ?
November	W5	आओ मिलकर बचाएँ		SMIN		S

	Subject: Hindi						
	(R)						
Month	Week	Topics	Sub Topics	Activities			
December	W1	कार्यालयी लेखन और प्रक्रिया	ALLA				
December	W2	कार्यालयी लेखन और प्रक्रिया	YA				
December	W3	स्ववृत्त लेखन और रोजगार संबंधी आवेदन पत्र					
December	W4	स्ववृत्त लेखन और रोजगार संबंधी आवेदन पत्र					
December	W5	स्ववृत्त लेखन और रोजगार संबंधी आवेदन पत्र		No			

	Subject: Hindi					
Month	Week	Topics	J A	Sub Topi	cs	Activities
January	W1	NEW		20000	7	
January	W2	शब्दकोश, सदर्भ ग्रथो व उपयोग विधि एवं परिच	की 1य	ράσορορ	\$	
January	W3	आलो ऑधारि	0		▲	
January	W4	आलो ऑधारि	1	A.		
January	W5	आलो ऑधारि	0///	CAN	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	छात्र अपने घर काम करने वाली महिलाओं का साक्षात्कार लेंगे

Week W1	Topics	Sub Topics	Activities
W1	// √ ₹ P		
W2	3	Nooso A	
W3		0000	
W4			
W5			Z
	W3 W4	W3 W4	W3 W4

Subject: Hindi					
Month	Week	Topics	Sub Topics Activities		
March	W1	Z Z			
March	W2	3			
March	W3	4	8 8 3 3		
March	W4				
March	W5				

Examination Wise Syllabus Breakup 2025-26

Examination	Chapter No./Chapter Name
PT-1	नमक का दारोगा कबीर के पद मियॉ नसीरुद्दीन
Term-1/Half Yearly Exam	पत्र लेखन, जन संचार माध्यम, पत्रकारिता के विविध आयाम, मियाँ नसीरुद्दीन, मीरा के पद, भारतीय गाइकाओं में बेजोड़ लता मंगेशकर, घर की याद, रचनात्मक लेखन, चंपा काले काले अच्छर नहीं चीन्हती, गजल, अपू के साथ ढाई साल, विदाई संभाषण, गलता लोहा, रजनी और अपठित गद्यांश एवं पद्यांश
PT-2	जामुन का पेड़, राजस्थान की रजत बूंदें, पत्र लेखन
Term- 2/Annual Exam	समस्त पाठ

Chinmaya Vidyalaya NTPC Unchahar

ANNUAL SYLLABUS BREAK UP

SESSION: 2025-2026

CLASS: XI

Subject: Biology Month Week **Topics Sub Topics** Activities April W1 Biodiversity; Need for classification; three domains of life; taxonomy. 1. THE LIVING WORLD April W2 2. BIOLOGICAL systematics; concept of CLASSIFICATION species and taxonomical hierarchy; binomial nomenclature Five kingdom W3 A: Core Experiments April classification; (1 to 13)1. Study and describe locally available commor flowering plants, from family Solanaceae (Poaceae, Asteraceae or Brassicaceae can besubstituted 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), type of root (tap and adventitious); type of stem (herbaceous and woody); leaf (arrangement, shape, venation, simple and compound).

	April	W4		Salient features and	
-			1 A PA	classification of Monera, Protista and Fungi into major groups.	B)
-	April	W5		Lichens, Viruses and Viroids.	2. Preparation and study of T.S. of dicot and monocot roots and stems (primary).

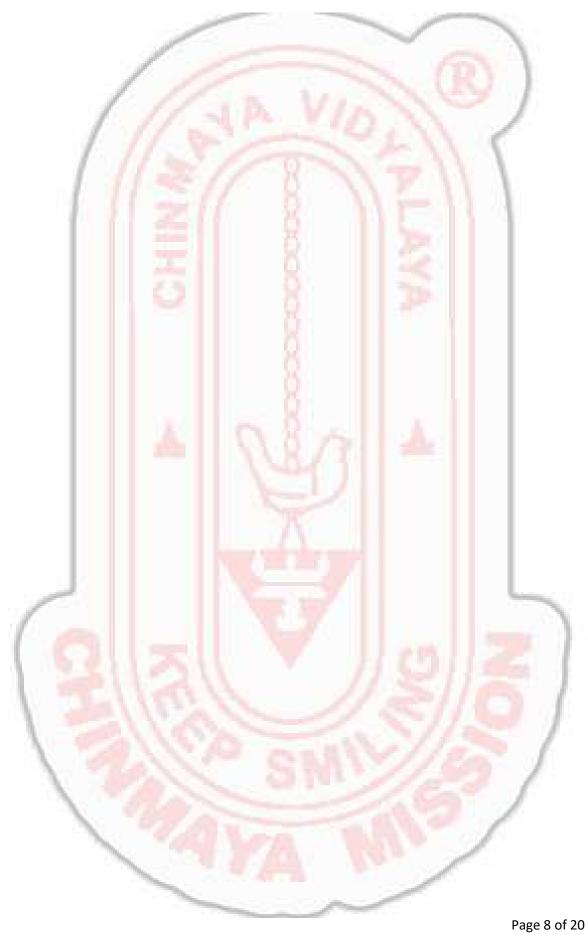
Month	Week	Topics	Sub Topics	Activities
May	W1	NE WINCE ON	Classification of plants into major groups; Salient and distinguishing features and a few examples of Algae,	3. Study of osmosis by potato osmometer.
May	W2	NT KINGDOM	Y 11 1	4. Study of plasmolysis in
May			Bryophyta, Pteridophyta,	epidermal peels (e.g. Rhoeo/lily leaves or flashy scale leaves of onion bulb).
May	W3	MA	Gymnosperms, Angiosperms	

May	W4		SUMMER BREAK
		111	IB VID
JUNE	W5 4.	ANIMAL KINGDOM	Salient features and classification of animals, non-chordates up to phyla level.
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Month	Week			
141011111	vveek	Topics	Sub Topics	Activities
July	W1	4. ANIMAL KINGDOM (Continued)	Salient features and classification of chordates up to class level (salient features and at a few examples of each category).	5. Study of distribution of stomata on the upper and lower surfaces of leaves.
	W2	5. MORPHOLOGY OF FLOWERING PLANTS	Morphology of different parts of flowering plants: root	6. Comparative study of the rates of transpiration in the upper and lower surfaces of leaves.
	W3	Jan 1	Morphology of different parts of flowering plants: root and stem	7. Test for the presence of sugar, starch, proteins and fats in suitable plant and animal materials.
	W4		Morphology of different parts of flowering plants: leaf	
	W5		Morphology of different parts of flowering plants: inflorescence, flower, fruit and seed. Description of family Solanaceae	

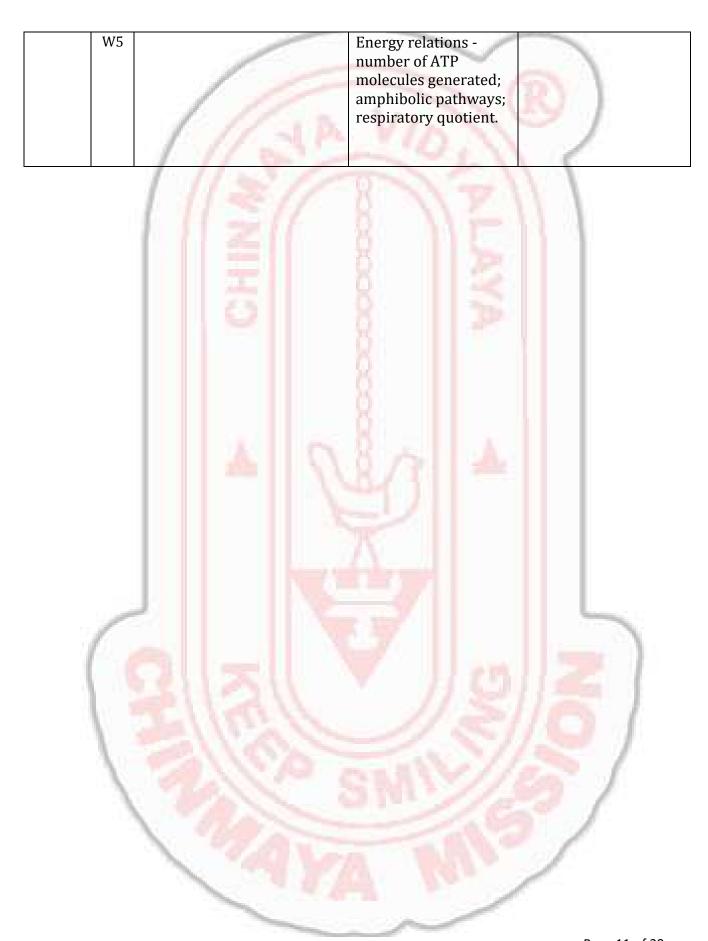
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Month	We ek	Topics	Sub Topics	Activities
August	W1	6. ANATOMY OF FLOWERING PLANTS	Anatomy and functions of tissue systems in dicots and monocots.	8. Separation of plant pigments through paper chromatograph
	W2		Anatomy and functions of tissue systems in dicots and monocots.	9. Study of the rate of respiration in flower buds/leaf tissue and germinating seeds.
	W3	7. STRUCTURAL ORGANISATIO N IN ANIMALS	Morphology, Anatomy and functions of different systems (digestive, circulatory, respiratory, nervous and reproductive) of frog.	10. Test for presence of urea in urine.
	W4		Morphology, Anatomy and functions of different systems (digestive, circulatory, respiratory, nervous and reproductive) of frog.	11. Test for presence of sugar in urine.
	W5	8. CELL: THE UNIT OF LIFE	Cell theory and cell as the basic unit of life, structure of prokaryotic and eukaryotic cells;	12. Test for presence of albumin in urine.

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Month	Week		Topics		Sub Topics	Activities
September	W1		CHINA	1	Plant cell and animal cell; cell envelope; cell membrane, cell wall; cell organelles - structure and function; endomembrane system, endoplasmic reticulum,	13. Test for presence of bile salts in urine.
	W2		1	0	HALF YEARLY EXAMINATION	
	W3				HALF YEARLY EXAMINATION	
	W4	001	2	1	Golgi bodies, lysosomes, vacuoles, mitochondria, ribosomes, plastids, microbodies;	B: Spotting: (1 to 6) 1. Parts of a compound microscope.
	W5	1888		10 112	Cytoskeleton, cilia, flagella, centrioles (ultrastructure and function); nucleus.	2.Specimens/slides/models and identification with reasons - Bacteria, Oscillatoria, Spirogyra, Rhizopus, mushroom, yeast, liverwort, moss, fern, pine, one monocotyledonous plant, one dicotyledonous plant and one lichen.



Month	Week	Topics	Sub Topics	Activities
October	W1		DUSSEHRA BREAK	
	W2	9. BIOMOLECULES	Chemical constituents of living cells: biomolecules, structure and function of proteins, carbohydrates,	specimens/slides/models and identifying features
	W3		lipids, nucleic acids; Enzyme - types, properties, enzyme action	4. Mitosis in onion root tip cells and animals cells (grasshopper) from permanent slides.
	100	10. CELL CYCLE AND CELL DIVISION	Cell cycle, mitosis,	5. Different types of inflorescence (cymose and racemose).
	W5		meiosis and their significance	6. Human skeleton and different types of joints with the help of virtual images/models only

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Month	Week	Topics	Sub Topics	Activities
November	W1	11. PHOTOSYNTHESIS IN HIGHER PLANTS	Photosynthesis as a means of autotrophic nutrition;	
	W2		site of photosynthesis, pigments involved in photosynthesis (elementary idea); photochemical and biosynthetic phases of photosynthesis; cyclic and non-cyclic photophosphorylation;	
	W3		chemiosmotic hypothesis; photorespiration; C3 and C4 pathways; factors affecting photosynthesis.	
	W4	12. RESPIRATION IN PLANTS	Exchange of gases; cellular respiration - glycolysis, fermentation (anaerobic), TCA cycle and electron transport system (aerobic);	



Month	Week	1 //		9 1
Month	week	Topics	Sub Topics	Activities
December	W1	13. PLANT GROWTH AND DEVELOPMENT	Seed germination; phases of plant growth and plant growth rate; conditions of growth; differentiation, dedifferentiation and redifferentiation;	
		<u>a</u> 5	183	
	W2	2 (a)	Sequence of developmental processes in a plant cell; growth regulators - auxin, gibberellin, cytokinin, ethylene, ABA.	
	W3	14. BREATHING AND EXCHANGE OF GASES	Respiratory organs in animals (recall only); Respiratory system in humans; mechanism of breathing and its regulation in humans - exchange of gases,	

W4	/ SIA	transport of gases and regulation of respiration, respiratory volume; disorders related to respiration - asthma, emphysema, occupational respiratory disorders.	
		SMIN	

Subject: Biology Month Week **Topics Sub Topics** Activities W1 January WINTER BREAK W2 Composition of blood, 15. BODY FLUIDS AND blood groups, CIRCULATION coagulation of blood; composition of lymph and its function; human circulatory system -Structure of human heart and blood vessels; cardiac cycle, cardiac output, ECG; double circulation; regulation of cardiac activity; disorders of circulatory system - hypertension, coronary artery disease, angina pectoris, heart failure.

		/	
W3	16. EXCRETORY PRODUCTS AND THEIR ELIMINATION	Modes of excretion - ammonotelism, ureotelism, uricotelism; human excretory system - structure and function; urine formation, osmoregulation; regulation of kidney function - renin - angiotensin, atrial natriuretic factor, ADH and diabetes insipidus; role of other organs in excretion; disorders - uremia, renal failure, renal calculi, nephritis; dialysis and artificial kidney, kidney transplant.	
W4	17. LOCOMOTION AND MOVEMENT	Types of movement - ciliary, flagellar, muscular; skeletal muscle, contractile proteins and muscle contraction; skeletal system and its functions; joints; disorders of muscular and skeletal systems - myasthenia gravis, tetany, muscular dystrophy, arthritis, osteoporosis, gout.	
W5	18. NEURAL CONTROL AND COORDINATION	Neuron and nerves; Nervous system in humans - central nervous system; peripheral nervous system and visceral nervous system; generation and conduction of nerve impulse	
	19. CHEMICAL COORDINATIO	NEndocrine glands and	

hormones; human AND INTEGRATION endocrine system hypothalamus, pituitary, pineal, thyroid, parathyroid, adrenal, pancreas, gonads; mechanism of hormone action (elementary idea); role of hormones as messengers and regulators, hypo - and hyperactivity and related disorders; dwarfism, acromegaly, cretinism, goiter, exophthalmic goiter, diabetes, Addison's disease.

Subject: Biology Month Week **Topics Sub Topics** Activities February W1 REVISION AND ANNUAL **EXAMINATION** W2 W3 W4 W5

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W2 W3	lonth Week	Topics	Sub To	pics	Activities
W3	Iarch W1	1//3			
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W4	W3		8		
W4		<u> </u>	DAY.	<u>.A.</u>	
W5	W5	3/3/		8	3)

Subject: Biology Week Month Topics **Sub Topics** Activities W1 W2 W3 W4 W5 Page 19 of 20

Examination Wise Syllabus B	reakup 2025-26
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Examination	Chapter No./Chapter Name	
Pre-Mid-Term	Chapter-1, 2 & 3	
HY/Mid-Term	Chapter-1 to Chapter-7	
Post-Mid-Term	Chapter-9, 10 & 11	
Annual		
Examination	Unit-I to Unit-V (Chapter-1 to Chapter-19)	