

Syllabus for Class-X

English				
S.No.		Number of Chapter	Name of the Chapter	Month
1	First Flight	Chapter 1	A Letter to God	March April'25
		Poem-1 Poem-2	Dust of Snow Fire and Ice	
	Footprints without Feet	Chapter 1 Chapter 2	A Triumph of Surgery The Thief's Story	
	Grammar	Compacta, (Module 1) (Module 5)	Discursive and Case-Based Passage (Classroom Assignment 1,2,3,4,5,6) Gap filling, Editing (Classroom Assignment 32,33,34, 35, 36)	
2	First Flight	Chapter 2 Chapter 3	Nelson Mandela: Long Walk to Freedom Two Stories about Flying	May'25
		Poem-3 Poem-4	A Tiger in the Zoo How to Tell the Wild Animals	
	Footprint Without Feet	Chapter 3 Chapter 4	The Midnight Visitor A Question of Trust	
	Grammar WRITING	Compacta Module 2 Module 4	Letter to Editor (Classroom Assignment 11,12,) Letter to an Official (Classroom Assignment 9,10) Tense (Classroom Assignment 27)	
	U T-I (19th to 23rd May'2025)			
3	SUMMER VACATION			June'25
4	First Flight	Chapter 4 Chapter 5	From the Diary of Anne Frank The Glimpses of India: I) A Baker From Goa II) Coorg III) Tea From Assam	July'25
		Poem 5	The Trees	
	Footprint Without Feet	Chapter 5	Footprints Without Feet	
	Grammar Writing	Module 4	Subject Verb Agreement (Classroom Assignment 28,) Modals (Classroom Assignment, 29)	
	U T- II(28th July to 2 August'25			
5	Footprint Without Feet	Chapter 6	The Making of Scientist	August'25
	First Flight	Chapter 6 Chapter 7	Mijbil the Otter Madam Rides The Bus	
			Poems	
	Grammar	Module 4	Reported Speech (Classroom Assignment 30, 31) (Command/Request/Statement/Question	
6				September'25
	First Flight	Chapter 8	The Sermon at Benares	

	Footprints Without Feet	Chapter 7	The Necklace	
		HY Exam (11sept to 19sept)		
7	Footprints Without Feet	Chapter 8 Chapter 9	Bholi The Book that Saved The Earth	October'25
	Writing	Compacta (Module 3)	Passage Writing (Classroom Assignment 18,19,20)	
	Grammar		Revision Integrated Grammar	
8	First Flight	Chapter 9	The Proposal	November'25
		Poem 7 Poem 8	The Trees Fog	
	Grammar	Compacta (Module 4)	Determiners (Classroom Assignment 27)	
		UT- III (24 Nov to 1 Dec)		
9	First Flight	Poem 9	The Tale of Custard the dragon	December'25
		Poem 10	For Ann Gregory	
	Grammar		Error Correction, Omissions (Classroom Assignment 28, 35, 36, 37,	
		Pre-Board (20Dec to 31Dec)		
10				January'26
		Pre – Board II		
11		Annual Examination		February'26

संस्कृतम्

परीक्षा	पाठनाम	मासः	कालांशः
UT-I	व्याकरणम्- शब्दरूपाणि धातुरूपाणि च	मार्च	6
	व्याकरणम्- कारक-उपपदविभक्तिः, अनुवादः च	मार्च	6
	अपठित-अवबोधनम्	मार्च	3
	शुचिपर्यावरणम्	मार्च	9
	बुद्धिर्बलवती सदा	अप्रैल	6
	व्याकरणम्- व्यञ्जनसन्धिः विसर्गसंधिश्च	अप्रैल/मई	8
UT-II	शिशुलालनम्	मई	8
	व्याकरणम्- प्रत्ययाः (तद्धित, स्त्री)	मई	8
	व्याकरणम्- समयः	मई	3
	व्याकरणम्- अव्ययानि	मई	3
	जननीतुल्यवत्सला	जुलाई	6

HALF-YEARLY	व्याकरणम्- समास-प्रकरणम्	जुलाई	10
	व्याकरणम्- वाच्यप्रकरणम्	जुलाई	6
	व्याकरणम् - अशुद्धि-संशोधनम्	सितम्बर	2
UT-03	सुभाषितानि	सितम्बर	10
	सौहार्दम् प्रकृतेः शोभा	सितम्बर	10
ANNUAL / Pre-Board	विचित्रः साक्षी	अक्टूबर	8
	सूक्तयः	अक्टूबर	8
	अन्योक्तयः	अक्टूबर	10
	पुनरावृत्तिः - अनुप्रयुक्त व्याकरणम्	नवम्बर	
	पुनरावृत्तिः - अनुप्रयुक्त व्याकरणम्	दिसम्बर	
	पुनरावृत्तिः - अनुप्रयुक्त व्याकरणम्	दिसम्बर	
	व्याकरणम्- कारक-उपपदविभक्तिः, अनुवादः च	दिसम्बर	
	Pre-Board-Examination - I	दिसम्बर	

MATHEMATICS

NAME OF CHAPTER	PERIODS	MONTH	EXAM
1. REAL NUMBER*	18	March	UT-01** (May-III Week)
2. POLYNOMIALS*	18	March-April	
3. PAIR OF LINEAR EQUATIONS IN TWO VARIABLES*	18	April	
4. QUADRATIC EQUATIONS*	18	April-May	UT-02** (July- IV Week)
5. ARITHMETIC PROGRESSIONS*	21	May	
6. TRIANGLES*	21	June/July	HY** (Sep- I Week)
7. COORDINATE GEOMETRY*	12	July	
8. INTRODUCTION TO TRIGONOMETRY	18	August	
9. APP. ON TRIGONOMETRY	12	September	
10. CIRCLES	12	Sep-October	
11. AREAS RELATED TO CIRCLES	09	October	
12. SURFACE AREA AND VOLUME	12	November	UT-03** (Nov- IV Week)
13. STATISTICS	12	November	
14. PROBABILITY	09	November	PB I (Dec-IV Week)

*Included in HY and ** Included in Annual Exam.

PHYSICS

TERM 1

S. No.	Book	Chapter No.	Name of the Chapter	Month
1	NCERT	Chapter 9	Light - Reflection	April
		Practicals	1. Determination of the focal length of a) Concave mirror b) Convex lens by obtaining the image of a distant object.	
2	NCERT	Chapter 9	Light - Refraction	May
		Practicals	2. Tracing the path of a ray of light passing through a rectangular glass slab for different angles of incidence. Measure the angle of incidence, angle of refraction, angle of emergence and interpret the result.	
Unit Test I [Chapter 9 - Light: Reflection]				
3	NCERT	Chapter 10	Human Eye and Colourful World	July
		Practicals	3. Tracing the path of the rays of light through a glass prism.	
Unit Test II [Chapter 10]				
4	NCERT	Chapter 11	Electricity	August
		Practicals	4. Studying the dependence of potential difference (V) across a resistor on the current (I) passing through it and determine its resistance. Also plotting a graph between V and I.	
Revision for Half Yearly Examination - September Chapters 9 & 10				
5	NCERT	Chapter 11	Electricity (Continue)	September
		Practicals	5. Determination of the equivalent resistance of two resistors when connected in series and parallel.	October
6	NCERT	Chapter 12	Magnetic Effect of Electric Current	Oct-Nov
Unit Test III [Chapter 11]				
Revision and Pre-Board - I				December
Revision				January
Preparation for Board Examination				February

BIOLOGY

S.No.	Book	Chapter	Topics to be covered	Month
Unit II – World of Living (M.M :25)				
1	NCERT	Chapter 5: Life Process	· Basic concept of nutrition in plants and animal	March- 10 th May
			· Respiration plants and animals	
			Practical: 1. Preparing a temporary mount of a leaf peel to show stomata. 2. Experimentally show that carbon dioxide is given out during respiration.	
			· Transport in plants and animals	
			· Excretion in plants and animals	

UT-I -Chapter 5: Life process -Nutrition, Respiration & Transportation				
2	NCERT	Chapter 6: Control & Coordination-	· Control and co-ordination in animals: Nervous system	12th May- 23rd May, 26th June- 26th July
			· Tropic movements in plants, plant hormones	
			· Chemical co-ordination: animal hormones	
UT-II -Chapter 5 : Life process -Excretion , Chapter 6: Control & Coordination (In animals : Upto Nervous System only)				
3	NCERT	Chapter 7: How are organisms Reproduce?	· Blue print, variations	28 th July – 30 th August
			· Reproduction in unicellular andsimple multicellular	
			· Reproduction in plants (asexual and sexual)	
			· Reproduction in animals	
			· Reproductive health need and methods of family planning	
			Practical: 3. Studying (a) binary fission in amoeba, and (b) budding in yeast and hydra with the help of prepared slides 4. Identification of the different parts of an embryo of a dicot seed	
Half Yearly examination: -Chapter 5 : Life process, Chapter 6: Control & Coordination & Chapter 7: Reproduction -In Unicellular, Simple multicellular and plants				
4	NCERT	Chapter 8: Heredity	· Heredity	23 rd Sept- 4th Nov
			Mendel’s Law of Inheritance and expression of traits	
			· Sex determination	
Unit V – NATURAL RESOURCES (M.M: 05)				
5	NCERT	Our environment	· Eco-system	5th Nov- 21st Nov
			· Environmental problems,	
			· Ozone depletion	
			· waste production and their solutions	
			· Biodegradable and non-biodegradable substances.	
Unit Test III [Chapter 8: Heredity]				
Revision and Pre-Board				December
Revision & Preparation for Board Examination				January- February

CHEMISTRY		
Book-NCERT	Name of the Chapter	Month
Chapter No.1	Chemical Reactions and Equations	April
	Practical 1. Performing and Observing Combination, Decomposition, Displacement and double Displacement reactions	
Chapter No.2	Acids, Bases and Salts	May - July
	Practical 2. Studying properties of HCl and NaOH on the basis of their reaction with Litmus, Zinc metal and solid Sodium carbonate. 3. Finding pH of various samples using universal indicator	

UT I: Chemical Reactions and Equations (May)		
Chapter No.3	Metals and Non - Metals	July
UT II : Acids Bases and Salts (Chemical properties of acids and bases, pH scale and application)		
Chapter No.	Metals and Non - Metals	Aug - Sep
	Practical 4. Comparing reactivities of Zn, Fe, Cu and Al based on their reactions with ZnSO ₄ , FeSO ₄ , CuSO ₄ , Al ₂ (SO ₄) ₃	Aug
Half Yealy Exam: 1. Chemical Reactions and Equations 2. Acids Bases and Salts		
Chapter No.4	Carbon and Compounds	Sep - Dec
Chapter No.4	To study Properties of Ethanoic acid	Nov
	5. Study of comparative cleaning capacity of sample of soap in soft and hard water	Dec
UT III: Properties of Metals and Non- metals (excludes Occurrence of metals)		
Revision and Pre-Board - I		December
Revision		January
Preparation for Board Examination		February

Social Science

Exam	Book	Number of Chapter	Name of the Chapter	Month	Exam Month
UT 1	Contemporary India 2	Chapter 1	Resource and development ¹	April	May
	Democratic Politics 2	Chapter 1	Power Sharing	April	
	Economics	Chapter 1	Development	May	
	India and Contemporary World 2	Chapter 1	Rise of Nationalism in Europe Theme 1,2,3	May	
Half Yearly	Contemporary India 2	Chapter 1	Resource and development		
		Chapter 2	Forest and Wildlife Resources	May	
		Chapter 3	Water Resources	July	
	Democratic Politics 2	Chapter 1	Power Sharing		
		Chapter 2	Federalism	July	
	Economics	Chapter 1	Development		
		Chapter 2	Sectors of Indian Economy	August	
	India and Contemporary World 2	Chapter 1	Rise of Nationalism in Europe(Complete chapter)	July	
		Chapter 2	Nationalism in India Theme 1,2	August	
Map	History	Chapter-2 (Nationalism in India)	I. Congress sessions: 1920 Calcutta 1920 Nagpur 1927 Madras session II. 3 Satyagraha movements: Kheda Champaran Ahmedabad mill workers III. Jallianwala Bagh IV. Dandi March	May	September
		Chapter-3(Water resource)	Locate and Label (Dams): Salal, Bhakra Nangal , Tehri , Rana Pratap Sagar , Sardar Sarovar ,Hirakund ,Nagarjun Sagar Tuhgabhadra.	May	
UT 2	Contemporary India 2	Chapter 4	Agriculture	October	August

	Democratic Politics 2	Chapter 3	Gender, Religion and Caste	October	November
	Economics	Chapter 3	Money and Credit	October	
	India and Contemporary World 2	Chapter 3	Making of Global World Sub Topic 1-1.3	October	
UT 3	Contemporary India 2	Chapter 5	Mineral and Energy Resources	October	
	Democratic Politics 2	Chapter 4	Political Parties	November	
	Economics	Chapter 4	Globalization and the Indian Economy	November	
	India and Contemporary World 2	Chapter 4	The Age of Industrialization	November	
Annual I	Contemporary India 2	Chapter 4	Agriculture		
		Chapter 5	Mineral and Energy Resources		
		Chapter 6	Manufacturing Industries	November	
		Chapter 7	Life lines of National Economy	November	
	Democratic Politics 2	Chapter 4	Political Parties	November	
		Chapter 5	Outcomes of Democracy	November	
	Economics	Chapter 3	Money and Credit	December	
		Chapter 4	Globalization and the Indian Economy	December	
	India and Contemporary World 2	Chapter 4	Nationalism in India Theme (Complete Chapter)	September	
		Chapter 5	Print Culture and The Modern World	November	
Map	History	Chapter-2 (Nationalism in India)	I. Congress sessions: 1920 Calcutta 1920 Nagpur 1927 Madras session II. 3 Satyagraha movements: Kheda Champaran Ahmedabad mill workers III. Jallianwala Bagh IV. Dandi March	August	
	Geography	Chapter-1 (Resource and Development)	Identify Major Soil Types		
		Chapter-3 (Water resource)	Locate and Label (Dams): Salal, Bhakra Nangal , Tehri , Rana Pratap Sagar , Sardar Sarovar ,Hirakund ,Nagarjun Sagar Tuhgabhadra.		
		Agriculture	Identify: Major areas of Rice and Wheat Largest/Major producer states of Sugarcane, Tea, Coffee, Rubber, Cotton and Jute.	July	
		Minerals and Energy Resources	Identify: a. Iron Ore mines , Mayurbhanj, Durg,Bailadila, Bellary, Kudremukh b. Coal Mines Raniganj, Bokaro,Talcher,Neyveli c. Oil Fields Digboi, ,Naharkatia,Mumbai High,Bassien ,Kalol,Ankaleshwar Locate and label: Power Plants a. Thermal: Namrup,Singrauli Ramagundam b. Nuclear: Narora,Kakrapara,Tarapur, Kalpakkam	September	

		Manufacturing Industries	I. Manufacturing Industries (Locating and labelling only) Cotton textile Industries: a. Mumbai, b. Indore, c. Surat, d. Kanpur, e.Coimbatore Iron and Steel Plants: a. Durgapur, b. Bokaro, c. Jamshedpur, d. Bhilai, e.Vijayanagar, f. Salem Software technology Parks: a. Noida, b. Gandhinagar, c. Mumbai, d. Pune, e. Hyderabad, f. Bengaluru, g. Chennai, h. Thiruvananthapuram	October	
		Lifelines of National Economy	Locating and Labeling: a. Major Sea Ports: Kandla,Mumbai,Marmagao,New Mangalore,Kochi,Tuticorin ,Chennai,Visakhapatnam,Paradip, Haldia b. International Airports Amritsar (Raja Sansi-Sri Guru Ram Dasjee), Delhi (Indira Gandhi),Mumbai (Chhatrapati Shivaji),Chennai (Meenam Bakkam),Kolkata (Netaji Subhash Chandra Bose),Hyderabad (Rajiv Gandhi)	December	

IT

EXAM		CHAPTER NAME	TIME
HALF YEARLY EXAM	UT-1	Database Management System	April
		Ms-Access	May
		Self-Management Skill	
		Green Skills	
	UT-2	Information And Communication Technology	June - July
		Entrepreneurial Skills	
		Electronic Spreadsheet (Advance)	August
		Communication Skill	
	UT-3	Digital Documentation (Advance)	September
		Web Application And Security	
		Revision	October November
Pre-Board Exam			December
		Revision	January February