

GENERAL ACADEMY

GROUP OF SCHOOLS SYLLABUS 2024-2025

CLASS - X

SUBJECT : ENGLISH LANGUAGE AND LITERATURE (184)

NAME OF THE PRESCRIBED BOOKS : PUBLISHED BY NCERT, NEW DELHI

1. FIRST FLIGHT

: TEXTBOOK

2. FOOTPRINTS WITHOUT FEET

: SUPPLEMENTARY READER

SECTION-WISE WEIGHTAGE

SECTION	UNIT	TOTAL WEIGHTAGE
A	READING SKILLS	20
B	WRITING AND GRAMMAR	20
C	LITERATURE LONG READING TEXT	40
TOTAL		80
ASSESSMENT OF LISTENING AND SPEAKING SKILLS		20
GRAND TOTAL		100

MONTH	UNIT	CHAPTER/TOPICS TO BE COVERED
APRIL	PROSE	1. A LETTER TO GOD 2. NELSON MANDELA: LONG WALK TO FREEDOM
	POETRY	1. DUST OF SNOW 2. FIRE AND ICE
	SUPPLEMENTARY READER	1. A TRIUMPH OF SURGERY 2. THE THIEF'S STORY
	GRAMMAR	1. DETERMINERS
	WRITING	1. FORMAL LETTERS (BASED ON GIVEN SITUATION)
MAY / JUNE	PROSE	1. TWO STORIES ABOUT FLYING I,II 2. FROM THE DIARY OF ANNE FRANK 3. MIJBIL THE OTTER
	POETRY	1. A TIGER IN THE ZOO 2. HOW TO TELL WILD ANIMALS 3. THE BALL POEM
	GRAMMAR	1. MODALS
	READING COMPREHENSION	1. UNSEEN PASSAGE
	REVISION & I UNIT TEST (APRIL SYLLABUS) 25 MARKS	
JULY	PROSE	1. GLIMPSES OF INDIA I,II,III 1. AMANDA
	POETRY	2. THE TREES 3. FOG
	SUPPLEMENTARY READER	1. THE MIDNIGHT VISITOR 2. A QUESTION OF TRUST 3. FOOTPRINTS WITHOUT FEET
	GRAMMAR	1. TENSES 2. SUBJECT - VERB CONCORD
	AUGUST REVISION & QUARTERLY EXAMINATION (SYLLABUS FROM APRIL TO JULY) 80 MARKS	
SEPTEMBER	PROSE	1. MADAM RIDES THE BUS
	POETRY	1. FOR ANNE GREGORY
	SUPPLEMENTARY READER	1. THE MAKING OF A SCIENTIST 2. THE NECKLACE 3. BHOLI
	GRAMMAR	1. REPORTED SPEECH
	WRITING	1. ANALYTICAL PARAGRAPH BASED ON GIVEN OUTLINE / DATA / CHART etc.
OCTOBER	PROSE	1. SERMON AT BENARES 2. THE PROPOSAL
	POETRY	1. THE TALE OF CUSTARD THE DRAGON
	SUPPLEMENTARY READER	1. THE BOOK THAT SAVED THE EARTH
NOVEMBER	REVISION & I PRE-BOARD EXAMINATION (COMPLETE SYLLABUS) 80 MARKS	
DECEMBER	REVISION & II PRE-BOARD EXAMINATION (COMPLETE SYLLABUS) 80 MARKS	
JANUARY	REVISION OF FULL SYLLABUS	

विषय- हिन्दी (002)

UNIT	TOTAL WEIGHTAGE
अपठित बोध	10
व्याकरण	16
पाठ्यपुस्तक - क्षितिज + कृतिका	34
लेखन	20
TOTAL	80
आंतरिक मूल्यांकन	20
GRAND TOTAL	100

अप्रैल	क्षितिज गद्य पाठ - 07 क्षितिज गद्य पाठ - 08 क्षितिज पद्य पाठ - 01 कृतिका - 01 व्याकरण लेखन लेखन	नेताजी का चश्मा (स्वयं प्रकाश) बालगोबिन भगत (रामवृक्ष बेनीपुरी) पद (सूरदास) माता का अँचल (शिवपूजन सहाय) वाच्य पत्र लेखन संदेश लेखन
मई - जून	क्षितिज गद्य पाठ - 09 क्षितिज पद्य पाठ - 02 व्याकरण अपठित बोध अपठित बोध लेखन	लखनवी अंदाज़ (यशपाल) राम-लक्ष्मण-परशुराम संवाद (तुलसीदास) वाक्य अपठित गद्यांश अपठित पद्यांश स्ववृत्त लेखन
पुनरावृत्ति व प्रथम इकाई - परख (अप्रैल पाठ्यक्रम)		
जुलाई	क्षितिज पद्य पाठ - 03 क्षितिज गद्य पाठ - 10 व्याकरण व्याकरण लेखन लेखन लेखन	आत्मकथ्य (जयशंकर प्रसाद) एक कहानी यह भी (मन्नू भण्डारी) अलंकार पद परिचय ई-मेल लेखन विज्ञापन लेखन अनुच्छेद लेखन
अगस्त	पुनरावृत्ति व त्रैमासिक परीक्षा (अप्रैल से जुलाई पाठ्यक्रम)	
	कृतिका - 02	साना साना हाथ जोड़ि...(मधु कांकरिया)
सितंबर	क्षितिज गद्य पाठ - 11 क्षितिज पद्य पाठ - 04 क्षितिज पद्य पाठ - 05 कृतिका - 03	नौबतखाने में इबादत (यतींद्र मिश्र) उत्साह, अट नहीं रही है (सूर्यकांत त्रिपाठी 'निराला') यह दंतुरित मुस्कान, फसल (नागार्जुन) मैं क्यों लिखता हूँ ? (अज्ञेय)
अक्टूबर	क्षितिज गद्य पाठ - 12 क्षितिज पद्य पाठ - 06	संस्कृति (भदन्त आनंद कौसल्यायन) संगतकार (मंगलेश डबराल)
नवंबर	पुनरावृत्ति व प्रथम प्री - बोर्ड परीक्षा (संपूर्ण पाठ्यक्रम)	
दिसंबर	पुनरावृत्ति व द्वितीय प्री - बोर्ड परीक्षा (संपूर्ण पाठ्यक्रम)	
जनवरी	संपूर्ण पाठ्यक्रम पुनरावृत्ति	

SUBJECT - MATHEMATICS

Total Marks : 80

Time : 3 Hours

Name of the Books					
I. Mathematics - Textbook for Class - X - NCERT Publication					
MONTH	CHAPTER NO.		CHAPTERS/ TOPICS TO BE COVERED	WEIGHTAGE	
				UNIT	QUARTERLY
APRIL	1		Real Numbers	8	10
	2		Polynomials	8	40
	3		Pair of Linear equations in two variables	9	
	Revision & Unit Test -1			25	
MAY	4		Quadratic equations		
JUNE	5		Arithmetic progressions		
JULY	7		Coordinate geometry		10
	8		Introduction to Trigonometry		20
	9		Some Applications of Trigonometry		
AUGUST	Revision & Quarterly Examination				80
SEPTEMBER	13		Statistics		
	14		Probability		
	6		Triangles		
OCTOBER	10		Circles		
	11		Areas related to circles		
	12		Surface Areas and Volumes		
NOVEMBER	Revision & I Pre-Board Examination (Complete Syllabus)				
DECEMBER	Revision & II Pre-Board Examination (Complete Syllabus)				
JANUARY	Revision of Complete Syllabus				

COURSE STRUCTURE (PRE – BOARDS & BOARD)

Unit No.	Unit Name	Marks
I	Number System	6
II	Algebra	20
III	Coordinate Geometry	6
IV	Geometry	15
V	Trigonometry	12
VI	Mensuration	10
VII	Statistics and Probability	11
Total		80

SUBJECT - Science (Theory) Code - (086)

Total Marks : 80

Time : 3 Hours

Name of the Books					
1. Science - Text book for Class - X - NCERT Publication					
2. Assessment of Practical Skills in Science Class - X - CBSE Publication					
MONTH	CHAPTER NO.	SUB PART	CHAPTERS/ TOPICS TO BE COVERED	WEIGHTAGE	
				UNIT	QUARTERLY
APRIL	1	Chemistry	Chemical Reactions and Equations	8	8
	5	Biology	Life Processes	8	12
	9	Physics	Light - Reflection and Refraction	9	10
MAY	2	Chemistry	Acids, Bases and Salts	-	7
	13	Biology	Our Environment	-	5
	Revision & Unit Test -1			25	
JUNE	10	Physics	The Human Eye and the Colourful World		5
JULY	6	Biology	Control and Coordination		8
	11	Physics	Electricity		10
	3	Chemistry	Metals and Non-metals		10
AUGUST	8	Biology	Heredity		5
	Revision & Quarterly Examination				80
SEPTEMBER	12	Physics	Magnetic Effects of Electric Current		
	4	Chemistry	Carbon and its Compounds		
OCTOBER	7	Biology	How do Organisms Reproduce?		
NOVEMBER	Revision & I Pre-Board Examination (Complete Syllabus)				
DECEMBER	Revision & II Pre-Board Examination (Complete Syllabus)				
JANUARY	Revision of Complete Syllabus				

COURSE STRUCTURE (PRE – BOARDS & BOARD)

Unit No.	Unit	Marks
I	Chemical Substances-Nature and Behaviour	25
II	World of Living	25
III	Natural Phenomena	12
IV	Effects of Current	13
V	Natural Resources	5
	Total	80
	Internal assessment	20
	Grand Total	100

PRACTICALS

Practical should be conducted alongside the concepts taught in theory classes

LIST OF EXPERIMENTS

1	A. Finding the pH of the following samples by using pH paper/universal indicator: (i) Dilute Hydrochloric Acid (ii) Dilute NaOH solution (iii) Dilute Ethanoic Acid solution (iv) Lemon juice (v) Water (vi) Dilute Hydrogen Carbonate solution	UNIT-I
	B. Studying properties of acids and bases (HCl & NaOH) on basis of their reaction with: a) Litmus solution (Blue/Red) b) Zinc metal c) Solid sodium carbonate	UNIT-I
2	Performing and observing the following reactions and classifying them into: A. Combination reaction B. Decomposition reaction C. Displacement reaction D. Double displacement reaction (i) Action of water on quicklime (ii) Action of heat on ferrous sulphate crystals (iii) Iron nails kept in copper sulphate solution (iv) Reaction between sodium sulphate and barium chloride solutions	UNIT-I
3	Observing the action of Zn, Fe, Cu and Al metals on the following salt solutions: i) $ZnSO_4(aq)$ ii) $FeSO_4(aq)$ iii) $CuSO_4(aq)$ iv) $Al_2(SO_4)_3(aq)$ Arranging Zn, Fe, Cu and Al (metals) in the decreasing order of reactivity based on the above result.	UNIT-I
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	UNIT-IV
5	Determination of the equivalent resistance of two resistors when connected in series and parallel.	UNIT-IV
6	Preparing a temporary mount of a leaf peel to show stomata.	UNIT-II
7	Experimentally show that carbon dioxide is given out during respiration.	UNIT-II
8	Study of the following properties of acetic acid (ethanoic acid): i) Odour ii) Solubility in water iii) Effect on litmus iv) Reaction with Sodium Hydrogen Carbonate	UNIT-I
9	Study of the comparative cleaning capacity of a sample of soap in soft and hard water.	UNIT-I
10	Determination of the focal length of: i) Concave mirror ii) Convex lens by obtaining the image of a distant object.	UNIT-III
11	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-III
12	Studying (a) binary fission in <i>Amoeba</i> , and (b) budding in yeast and Hydra with the help of prepared slides.	UNIT-II
13	Tracing the path of the rays of light through a glass prism.	UNIT-III
14	Identification of the different parts of an embryo of a dicot seed (Pea, gram or red kidney bean).	UNIT-II

SUBJECT - SOCIAL SCIENCE (087)

Total Marks : 80

Time : 3 Hours

Name of the Books and Marks Distribution of Pre-Boards and Boards

HISTORY	INDIA AND THE CONTEMPORARY WORLD II	20
GEOGRAPHY	CONTEMPORARY INDIA II	20
POLITICS	DEMOCRATIC POLITICS II	20
ECONOMICS	UNDERSTANDING ECONOMIC DEVELOPMENT	20
	TOTAL	80

MONTH	UNITS	CHAPTERS	CHAPTERS/ TOPICS TO BE COVERED	WEIGHTAGE			
				UNIT	QUARTERLY		
APRIL	GEOGRAPHY	CHAPTER-1	RESOURCES AND DEVELOPMENT	5	5		
	GEOGRAPHY	CHAPTER-2	FOREST AND WILDLIFE	3	5		
	POLITICS	CHAPTER-1	POWER SHARING	6	6		
	ECONOMICS	CHAPTER-1	DEVELOPMENT	5	6		
	HISTORY	CHAPTER-1	THE RISE OF NATIONALISM IN EUROPE	6	8		
MAY	GEOGRAPHY	CHAPTER-3	WATER RESOURCES		5		
	POLITICS	CHAPTER-2	FEDERALISM		8		
	GEOGRAPHY	CHAPTER-4	AGRICULTURE		5		
REVISION AND UNIT TEST 1				25	-		
JUNE	HISTORY	CHAPTER-2	NATIONALISM IN INDIA		10		
	POLITICS	CHAPTER-3	GENDER, RELIGION AND CASTE		6		
JULY	ECONOMICS	CHAPTER-2	SECTORS OF INDIAN ECONOMY		5		
	ECONOMICS	CHAPTER-3	MONEY AND CREDIT		7		
	ECONOMICS	CHAPTER-4	Globalization and the Indian Economy			2	
			To be evaluated in the Board Examination				
			i. What is Globalization? ii. Factors that have enabled Globalization				
HISTORY	CHAPTER-3	THE MAKING OF GLOBAL WORLD (To be Tested Part-1:1:3)			2		
AUGUST	REVISION AND QUARTERLY EXAMINATION				80		
SEPTEMBER	POLITICS	CHAPTER-4	POLITICAL PARTIES	I & II PRE-BOARD AS PER CBSE EXAM			
	POLITICS	CHAPTER-5	OUTCOMES OF DEMOCRACY				
	GEOGRAPHY	CHAPTER-5	MINERALS AND ENERGY RESOURCES				
	GEOGRAPHY	CHAPTER-6	MANUFACTURING INDUSTRIES				
OCTOBER	HISTORY	CHAPTER-5	PRINT CULTURE AND THE MODERN WORLD				
	GEOGRAPHY	CHAPTER-7	LIFELINES OF NATIONAL ECONOMY(To be tested locating MAP)				
NOVEMBER	Revision & I Pre-Board Examination (Complete Syllabus)						
DECEMBER	Revision & II Pre-Board Examination (Complete Syllabus)						
JANUARY	Revision of Complete Syllabus						

SUBJECT : ARTIFICIAL INTELLIGENCE (417)

Total Marks : 100 (Theory-50 + Practical-50)

Time : 2 Hours

BOOK RECOMMENDED: TOUCHPAD (Orange Publication)

MONTH	PART	UNIT	WEIGHTAGE	
			Unit Test	Quarterly Exam
APRIL	PART-A	Unit-1: Communication Skills - II	5	5
	PART-B	Unit-1: Introduction to Artificial Intelligence(AI)	15	10
MAY	PART - A	Unit-2: Self Management Skills - II	5	5
	REVISION AND UNIT TEST - I		25	-
JUNE	PART-A	Unit-3: I. C. T. Skills-II		5
JULY	PART - B	Unit-2: AI Project Cycle		15
		Unit-4:Data Science		10
AUGUST	REVISION AND QUARTERLY EXAMINATION			50
	PART - B	Unit-3: Advance Python		
SEPTEMBER	PART - A	Unit-4: Entrepreneurial Skills-II		
	PART - A	Unit-5: Green Skills-II		
	PART - B	Unit-5:Computer Vision		
OCTOBER	PART - B	Unit-6: Natural Language Processing		
	PART - B	Unit-7: Evaluation		
NOVEMBER	REVISION AND I PRE-BOARD EXAMINATION (COMPLETE SYLLABUS)			
DECEMBER	REVISION AND II PRE-BOARD EXAMINATION (COMPLETE SYLLABUS)			
JANUARY	REVISION OF FULL SYLLABUS			

COURSE STRUCTURE (PRE-BOARDS & BOARD)		
	UNIT NAME	WEIGHTAGE
PART A	Unit-1: Communication Skills - II	2
	Unit-2: Self Management Skills - II	2
	Unit-3: I. C. T. Skills-II	2
	Unit-4: Entrepreneurial Skills-II	2
	Unit-5: Green Skills-II	2
PART B	Unit-1: Introduction to Artificial Intelligence(AI)	7
	Unit-2: AI Project Cycle	9
	Unit -4: Data Science	4
	Unit -5: Computer Vision	4
	Unit-6:Natural Language Processing	8
	Unit-7: Evaluation	8
PART C	Unit-3: Advance Python	To be Accessed in Practicals only
	TOTAL	50