English Language and Literature
Code No. 184
Class – X (2024 -25)
Term - I

READING

Question based on the following kinds of unseen passages to assess inference , evaluation, vocabulary, analysis and interpretation :

1. Discursive passage (400-450words)
2. Case based Factual passage (with visual input/statistical data/ chart etc. 200-250words)

WRITING SKILL

1. Formal letter based on a given situation. (100-120words)
2. Analytical Paragraph based on outline / chart /cue/map/report etc.) (100-120words)

GRAMMAR

1. Tenses
2. Modals
3. Subject – Verb Concord
4. Determiner

LITERATURE

Questions based on extracts / texts to assess interpretation, inference, extrapolation beyond the text and across the texts.

FIRST FLIGHT

1. A Letter to God
2. Nelson Mandela – Long Walk to Freedom
3. Two Stories About Flying
4. From the Diary of Anne Frank
5. Glimpses of India
6. Mijbil the Otter

POEMS

1. Dust of Snow
2. Fire and Ice
3. A Tiger in the Zoo
4. How To Tell Wild Animals
5. The Ball Poem
6. Amanda

FOOTPRINTS WITHOUT FEET

1. A Triumph of Surgery
2. The Thief's Story
3. The Midnight Visitor
4. A Question of Trust
5. Footprints Without Feet

Term – II (Final)

READING

Question based on the following kinds of unseen passages to assess inference , evaluation, vocabulary, analysis and interpretation :

1. Discursive passage (400--450words)
2. Case based Factual passage (with visual input/statistical data/ chart etc. 200-250words)

WRITING SKILL

1. Formal letter based on a given situation. (100-120words)
2. Analytical Paragraph based on outline / chart /cue/map/report etc.) (100-120words)

GRAMMAR

1. Tenses
2. Modals
3. Subject – Verb Concord
4. Determiner
5. Reported Speech
6. Commands and Requests
7. Statements
8. Questions

LITERATURE

Questions based on extracts / texts to assess interpretation, inference, extrapolation beyond the text and across the texts.

FIRST FLIGHT

All lessons of Term – I

1. Madam Rides the Bus
2. The Sermon at Benaras
3. The Proposal (Play)

POEMS

All Poems of Term – I

1. The Trees
2. Fog
3. The Tale of Custard the Dragon
4. For Anne Gregory

FOOTPRINTS WITHOUT FEET

All lessons of Term – I

1. The Making of a Scientist
2. The Necklace
3. Bholi
4. The Book That Saved The Earth

Each Semester

SECTION	WEIGHTAGE (IN MARKS)
READING	10
WRITING & GRAMMAR	10
LITERATURE	20
TOTAL	40
INTERNAL ASSESSMENT	10
GRAND TOTAL	50

वार्षिक पाठ्यक्रम (2024- 25)

कक्षा -10

विषय- हिंदी 'अ' (कोड संख्या 002)

पाठ्यपुस्तक- क्षितिज भाग 2
(एन.सी.ई.आर.टी.)
कृतिका(एन.सी.ई.आर.टी.) भाग 2

माह	पठित पुस्तक	पाठ / कवि /लेखक/ विषय- वस्तु का नाम	व्यावहारिक व्याकरण एवं लेखन- खंड
अप्रैल-मई	क्षितिज-पद्य-खंड गद्य-खंड	पद- (सूरदास) नेताजी का चश्मा (स्वयं प्रकाश)	रचना के आधार पर वाक्य-भेद अनुच्छेद- लेखन
जुलाई	क्षितिज -पद्य खंड गद्य-खंड कृतिका	राम- लक्ष्मण- परशुराम संवाद (तुलसीदास) बालगोबिन भगत (रामवृक्ष बेनीपुरी) माता का आँचल (शिवपूजन सहाय)	वाच्य पत्र- लेखन
अगस्त	क्षितिज-पद्य-खंड गद्य-खंड कृतिका	आत्मकथ्य (जयशंकर प्रसाद) लखनवी अंदाज़ (यशपाल) साना- साना हाथ जोड़ि (मधु कांकरिया)	अलंकार ई-मेल लेखन विज्ञापन- लेखन
सितंबर	पुनरावृति एवं अर्धवार्षिक परीक्षा		
अक्टूबर	क्षितिज-पद्य-खंड गद्य-खंड कृतिका	उत्साह, अट नहीं रही है (सूर्यकांत त्रिपाठी 'निराला') एक कहानी यह भी (मन्नू भंडारी) मैं क्यों लिखता हूँ? (अज्ञेय)	पद- परिचय स्ववृत्त- लेखन
नवंबर	क्षितिज-पद्य-खंड गद्य-खंड	यह दंतुरित मुस्कान, फसल (नागार्जुन) संगतकार (मंगलेश डबराल) नौबत खाने में इबादत (जितेंद्र मिश्र) संस्कृति (भदंत आनंद कौशल्यायन)	अपठित- बोध (गद्यांश एवं पद्यांश) संदेश- लेखन
दिसंबर			गतिविधि मौखिक एवं लिखित अभिव्यक्ति
जनवरी	पुनरावृत्ति एवं परीक्षा		

नोट- उपर्युक्त पाठ्यक्रम में समयानुसार परिवर्तन संभव है।

MATHEMATICS SYLLABUS (2024 -25)

STD : 10

SL.NO	MONTH	CHAPTER NO	CHAPTER NAME
1	April and May	2 3 7 5	Polynomials Pair of Linear Equations in two variable Co-ordinate Geometry Arithmetic progression
2	July	6 1 8	Triangles Real Numbers Introduction to Trigonometry
3	August	9 12 14	Some Applications of Trigonometry Area Related to Circles Statistics
4	September	15	Probability
5	October	10 4	Circles Quadratic Equations
6	November	13	Surface Area and Volumes

Science Annual Syllabus (2024-25)

Class X

S.No.	Month	Chap No.	Chapter Name and Content	Activity
1.	April	1	**Chemical reactions and Equations :** Chemical equation, Balanced chemical equation, implications of a balanced chemical equation, types of chemical reactions: combination, decomposition, displacement, double displacement, precipitation, endothermic exothermic reactions, oxidation and reduction, Corrosion and Rancidity.	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
2.	April	5	**Life processes:** 'Living Being'. Basic concept of nutrition, respiration, transport and excretion in plants and animals	1.Preparing a temporary mount of a leaf peel to show stomata 2.Experimentally show that carbon dioxide is given out during respiration
3.	May	9	**Light Reflection:** Reflection of light by curved surfaces; Images formed by spherical mirrors, centre of curvature, principal axis, principal focus, focal length, mirror formula (Derivation not required),magnification	1. Determination of the focal length of Concave mirror by obtaining the image of a distant object
4.	July	9	**Light Refraction:** Refraction; Laws of refraction, Refraction through a rectangular glass slab,refractive index. Refraction of light by spherical lens; Image formed by spherical lenses; Lens formula (Derivation not required); Magnification. Power of a lens.	1.Determination of the focal length of:Convex lens by obtaining the image of a distant object 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.
5.	July	2	**Acids, Bases and Salts:** Their definitions in terms of furnishing of H+ and OH– ions, General properties, examples and uses, neutralization, concept of pH scale (Definition relating to logarithm not required), importance of pH in everyday life; preparation and uses of Sodium Hydroxide, Bleaching powder, Baking soda,Washing soda and Plaster of Paris.	1. 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
6.	July	11	**Electricity** : Electric current, potential difference and electric current. Ohm's law; Resistance, Resistivity, Factors on which the resistance of a conductor depends. Series combination of resistors, parallel combination of resistors and its applications in daily life. Heating effect of electric current and its applications in daily life. Electric power, Interrelation between P, V, I and R.	1.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 2.Determination of the equivalent resistance of two resistors when connected in series and parallel.
7.	August	6	**Control and co-ordination** Control and co-ordination in animals and plants: Tropic movements in plants; Introduction of plant hormones; Control and co-ordination in animals: Nervous system; Voluntary, involuntary and reflex action; Chemical co-ordination: animal hormones	
8.	August	10	**The Human Eye and Colourful World** : Functioning of a lens in human eye, defects of vision and their corrections, applications of spherical mirrors and lenses. Refraction of light through a prism, dispersion of light, scattering of light, applications in dailylife (excluding colour of the sun at sunrise and sunset	Tracing the path of the rays of light through a glass prism.
9.	August	3	**Metals and Non-metals:** Properties of metals and non-metals; Reactivity series; Formation and properties of ionic compounds; Basic metallurgical processes; Corrosion and its prevention	Observing the action of Zn, Fe, Cu and Almetals 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.
10.	September	7	**How Do Organisms Reproduce?** Reproduction in animals and plants (asexual and sexual) reproductive health - need and methods of family planning. Safe sex vs HIV/AIDS. Child bearing and women's health	1.Studying (a) binary fission in Amoeba, and (b) budding in yeast and Hydra with the help of prepared slides 2.Identification of the different parts of an embryo of a dicot seed (Pea, gram or red kidney bean).
11.	October	4	**Carbon and its compounds:** Covalent bonding in carbon compounds. Versatile nature of carbon. Homologous series. Nomenclature of carbon compounds containing functional groups (halogens, alcohol, ketones, aldehydes, alkanes and alkynes), difference between saturated hydro carbons and unsaturated hydrocarbons. Chemical properties of carbon compounds (combustion,	1.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 2.Study of the comparative cleaning capacity of a sample of

			oxidation, addition and substitution reaction). Ethanol and Ethanoic acid (only properties and uses), soaps and detergents.	soap in soft and hard water
12.	October	8	**Heredity and Evolution:** Heredity; Mendel's contribution- Laws for inheritance of traits: Sex determination: brief introduction: (topics excluded - evolution; evolution and classification and evolution should not be equated with progress)	
13.	October	13	**Our Environment**: Eco-system, Environmental problems, Ozone depletion, waste production and their solutions. Biodegradable and non-biodegradable	
14.	November	12	**Magnetic effects of Electric current**: Magnetic field, field lines, field due to a current carrying conductor, field due to current carrying coil or solenoid; Force on current carrying conductor, Fleming's Left Hand Rule, Direct current. Alternating current: frequency of AC. Advantage of AC over DC. Domestic electric circuits	

SOCIAL SCIENCE SYLLABUS
SESSION - 2024-25
CLASS X

S. N.	Month	History	Political Science	Geography	Economics
1	April & May	**Ch-1** The Rise of Nationalism in Europe	**Ch-1** Power-sharing	**Ch-1** Resources and Development	**Ch-1** Development
2	July	**Ch-2** Nationalism in India	**Ch-2** Federalism	**Ch-2** Forest and Wildlife Resources	**Ch-2** Sectors of the India Economy
3	Aug.	**Ch-3** The Making of a Global World **Sub topics1 to 1.3**	**Ch-3** Gender, Religion and Caste	**Ch-3** Water Resources **Ch-4** Agriculture	
4	September	HALF YEARLY EXAMINATION			
5	October	**Ch-4** The Age of Industrialization (To be assessed in Periodic Assessment	**Ch-4** Political Parties	**Ch-7** Lifelines of National Economy **Sub topics:** Road ways and Railways only	**Ch-3** Money and Credit
6	Nov.	**Ch-5** Print Culture and the Modern World	**Ch-5** Outcomes of Democracy	**Ch-5** Minerals and Energy Resources **Ch-6** Manufacturing Industries	**Ch-4** Globalization and The Indian Economy **Sub topics:** • What is Globalization? • Factors that ha enabled Globalization

Map pointing: 1. All chapters of Geography. (Contemporary India-II)

2. Nationalism in India

Project Work : It is compulsory for every student to undertake *one project on-*

Consumer Awareness

OR

Social Issues

OR

Sustainable Development

CLASS X

LIST OF MAP ITEMS

Subject	Name of the Chapter	List of areas to be pointed on the Map
History	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
Geography	Resources and Development	**Identify: Major Soil Types**
	Water Resources	**Locating and Labelling:** ▪ Salal ▪ Bhakra Nangal ▪ Tehri ▪ Rana Pratap Sagar ▪ Sardar Sarovar ▪ Hirakud ▪ Nagarjuna Sagar ▪ Tungabhadra
	Agriculture	**Identify:**
		Major areas of Rice and Wheat Largest/ Major producer states of Sugarcane, Tea, Coffee, Rubber, Cotton and Jute
	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 & label: Power Plants **a. Thermal** ▪ Namrup ▪ Singrauli ▪ Ramagundam
		b. Nuclear ▪ Narora

		▪ Kakrapara ▪ Tarapur ▪ Kalpakkam
	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
	Lifelines of National Economy	**Locating and Labelling:** **a. Major sea ports** ▪ Kandla ▪ Mumbai ▪ Marmagao ▪ New Mangalore ▪ Kochi ▪ Tuticorin ▪ Chennai ▪ Vishakhapatnam ▪ Paradip ▪ Haldia
		b. International Airports: ▪ Amritsar (Raja Sansi - Sri Guru Ram Dass jee) ▪ Delhi (Indira Gandhi) ▪ Mumbai (Chhatrapati Shivaji) ▪ Chennai (Meenam Bakkam) ▪ Kolkata (Netaji Subhash Chandra Bose) ▪ Hyderabad (Rajiv Gandhi)

Annual Syllabus 2024-25
Class X (AI)

Month	Chapter Number and Name
April/May	• Part A(Unit-1 Communication Skills-2) • Part B(Unit-1 Introduction to AI) • Part B (Unit-2 AI Project Cycle) • Part B (Unit-3) Advance Python *(to be assessed in Practical's only)* Topics: a) Introduction to Jupyter notebook b) Introduction to python c) Character set d) Keywords and Identifier e) Variables and Constant f) Statements and comments g) Datatypes and Operators h) Input and Output in Python
July	Part A(Unit-2 Self-management Skills-2) Part B(Unit-6 Natural language Processing) Part B (Unit-3) Advance Python *(to be assessed in Practical's only)* Topics: a) Control Statements b) Introduction to List c) Introduction to Tuple d) Python Libraries and Packages
August	• Part B (Unit-7 Evaluation)
September	Revision + Half Yearly exam
October	• Part A (Unit -3 Information and communication technology Skills-2) • PartB (Unit 4: Data Science) Topics: Introduction, Applications of Data Sciences, Data Science: Getting Started (up to Data Access) remaining portion is to be assessed in practical
November	• Part A (Unit -4 Entrepreneurial skills-2) • Part B(Unit-5 Computer Vision) Topics: Introduction, Applications of Computer Vision, Computer Vision: Getting Started (up to RGB Images) remaining portion is to be assessed in practical
December	• Part A (Unit -5 Green Skills-2) Preboard-1
January	Preboard-2+Practical Exam
February	Revision +Annual Exam