

Portion (2024 - 2025)

Class : X	Subject: English Language (Paper - 1)
Month	Chapter Name
April	Functional Grammar
	Transformation of Sentences I
	Transformation of Sentences II
	The Sequence of Tenses
May	Direct & Indirect Narration
	Active & Passive Voice
	Agreement of the Verb with the Subject
June	Tense
	Prepositions
	Synthesis of Sentences
July	Test Paper 1
	Test Paper 2
August	Test Paper 3
	Test Paper 4
September	Test Paper 5
	Test Paper 6
October	Test Paper 7
	Test Paper 8
November	Test Paper 9
	Test Paper 10
December	Test Paper 11
	Test Paper 12
January	Revision

English - 1 Project

Sr. No.

Practicals / Projects / Assignments

Write the following compositions (300-350 words) on the following topics:

1	"Playing games on mobile phone is a stress buster." Express your views either for or against the topic.
2	Voting for Lok Sabha elections should be compulsory.' Express your views either for or against the topic.
3	Write a short story which illustrates the truth of the statement, "Self help is the best help."
4	Write a short story which illustrates the truth of the statement, "As you sow, so shall you reap."
5	As a student you have worked on many projects. Narrate your experience of completing your most memorable projects.
6	Narrate an experience that made you realise that your parents were right. State what you have learnt from that experience.
7	Describe your visit to a slum area and express your concern how poverty has affected our society.
8	You had been waiting outside the examination hall. Describe what you saw and the sounds you heard when you arrived at the place. What were your feelings? Describe how the scene changed once you entered the hall and the examination started.

Std. X/ Eng. 1

Class : X	Subject: English Literature (Paper - 2)
Month	Chapter Name
April	Haunted Houses (Poem)
	With the Photographer (Short Story)
May	The Elevator (Short Story)
June	The Glove and the Lions (Poem)
July	When Great Trees Fall (Poem)
August	The Girl Who Can (Short Story)
September	The Pedestrian (Short Story)
October	A Considerable Speck (Poem)
November	The Last Lesson (Short Story)
December	The Power of Music (Poem)
January	Revision

Class : X	Subject: English Literature (Paper - 2)
Month	Book Name: Julius Caesar by William Shakespeare
April	*****
May	Act 3, Scene 1
June	Act 3, Scene 1
July	Act 3, Scene 2
August	Act 3, Scene 3
	Act 3, Scene 4
September	Act 4, Scene 1
	Act 4, Scene 2
October	Act 4, Scene 3
	Act 5, Scene 1
November	Act 5, Scene 2
	Act 5, Scene 3
December	Act 5, Scene 4
January	Revision

English - 2 Project	
Sr. No.	Practicals / Projects / Assignments
1	With reference to the drama Julius Caesar prepare a project on: (i) Julius Caesar an iconic Roman and Statesman. (ii) The Murder scene in the play.
2	Thematic Analysis of the story 'With the Photographer.'
3	Summary of the poem 'The Glove and the Lion' by Leigh Hunt.

Class : X	Subject: Hindi Language (Paper - 1)
Month	Chapter Name
April	सामान्य प्रस्ताव लेखन
	भाववाचक संज्ञा
	विशेषण
	विपरीतार्थक शब्द , पर्यायवाची शब्द
May	पत्र लेखन - औपचारिक , अनौपचारिक
	अपठित गद्यांश
	लिंग
	वचन
June	मुहावरे और लोकोक्ति पर आधारित कहानी
	चित्र पर आधारित प्रस्ताव लेखन
	तत्सम - तद्भव शब्द
July	अनेकार्थी शब्द
	एकार्थी शब्द
	अनेक शब्दों के लिए एक शब्द
August	सामान्य प्रस्ताव लेखन
	पत्र लेखन - औपचारिक , अनौपचारिक
	उपसर्ग, प्रत्यय
September	अपठित गद्यांश और उनपर आधारित प्रश्न
	मुहावरे और लोकोक्ति पर आधारित कहानी लेखन
	वाच्य परिवर्तन
October	वर्तनी की सामान्य अशुद्धियाँ
	वाक्य रूपान्तरण
	सामान्य प्रस्ताव लेखन
November	पत्र लेखन - औपचारिक , अनौपचारिक
	अपठित गद्यांश और उनपर आधारित प्रश्न
	वाक्यगत अशुद्धियों का शोधन

Month	Chapter Name
December	विराम चिन्ह
	मुहावरें और लोकोक्तियाँ
	चित्र पर आधारित कहानी लेखन
	काल
January	पुनरावृत्ति (Revision)

Hindi - 1 Project	
Sr. No.	Practicals / Projects / Assignments
1	भारतीय लोकतंत्र की चुनाव प्रणाली विस्तार से लिखिए। चुनाव में मीडिया का योगदान तथा उसकी जिम्मेदारियों की चर्चा कीजिए।
2	भारत के किसी पांच ऐतिहासिक स्थल का संक्षिप्त वर्णन कीजिए। किसी एक ऐतिहासिक यात्रा का अनुभव अपने शब्दों में लिखिए।
3	प्रदूषण का बढ़ता प्रकोप संबंधी चित्र चिपकाकर चित्र से संबंधित कोई घटना, लेख या कहानी लिखिए।
4	एक ऐसी मौलिक कहानी लिखिए, जिसके अंत में आपके विचार से यह स्पष्ट हो कि 'बिना विचारे जो करे सो पाछे पछताए'।

Class : X	Subject: Hindi Literature (Paper - 2)
Month	Chapter Name
April	बड़े घर की बेटी - प्रेमचन्द्र (कहानी)
May	सूर के पद - सूरदास जी (पद)
	सन्देह - जयशंकर प्रसाद (कहानी)
June	विनय के पद - तुलसीदास जी (पद)
July	भीड़ में खोया आदमी . लीलाधर शर्मा 'पर्वतीय' (कहानी)
August	भिक्षुक - सूर्यकान्त त्रिपाठी 'निराला' (कविता)
September	भेड़े और भेड़िए – हरिशंकर परसाई (कहानी)
October	चलना हमारा काम है - शिवमंगल सिंह 'सुमन' (कविता)
	दो कलाकार - मन्नू भंडारी (कहानी)
November	मातृ मंदिर की ओर - सुभद्रा कुमारी चौहान (कविता)
January	पुनरावृत्ति (Revision)

Hindi - 2 Project	
Sr. No.	Practicals / Projects / Assignments
1	अपनी पाठ्यपुस्तक में संकलित 'संदेह' कहानी विस्तार से लिखिए। मुख्य बिंदु - लेखक का परिचय, कहानी, कहानी के पात्र, कहानी का उद्देश्य , शीर्षक की सार्थकता, उपसंहार।
2	अपनी पाठ्यपुस्तक में संकलित 'सूरदास के पद' सुंदर अक्षरों में लिखकर भावार्थ लिखिए। मुख्य बिंदु - कवि का परिचय, पद, भावार्थ, उपसंहार।
3	भेड़े और भेड़िए कहानी लिखिए।
4	अपने प्रिय लेखक का परिचय देते हुए कोई एक कहानी लिखिए।
5	अपने प्रिय कवि का परिचय देते हुए कोई एक कविता सजाकर , भावार्थ सहित लिखिए।

Class : X	Subject : Mathematics
Month	Chapter Name
April	GST
	Banking
	Shares and Dividends
May	Linear Inequations
	Quadratic Equations
	Solving (Simple) Problems
June	Ratio and Proportion
	Remainder and Factor Theorems
	Matrices
July	Arithmetic Progression
	Geometric Progression
	Reflection
	Section and Mid-Point Formula
August	Equation of a Line
	Similarity
	Loci
September	Circle
	Tangents and Intersecting Chords
	Constructions (Circles)
October	Cylinder, Cone and Sphere
	Trigonometrical Identities
	Heights and Distances
November	Heights and Distances
	Graphical Representation
December	Measures of Central Tendency
	Probability
January	Revision

Maths Project

Sr. No.	Practicals / Projects / Assignments
1	Make the project on Banking
2	Make the project on Surface Area and Volume of Cylinder, Cone and Spheres
3	Make the project on Home Budget
4	Make a project on circles
5	Make a project on Trigonometrical Identities
6	Make the project on Measures of Central Tendency (Mean, Median, Mode)

Class : X	Subject : History and Civics
Month	Chapter Name
April	Civics: An Introduction
	The First War of Independence 1857: Causes and Consequences
May	Factor Leading to the Growth of Nationalism
June	First Phase of Indian National Movement (1885 - 1907)
	Indian Federal Setup : Meaning & Basic Features
July	Second Phase of the Indian National Movement (1905 - 1916)
	The Union Legislature : Union Parliament
August	Factors Leading to the formation of the Muslim League - Its Objective
	The Union Legislature : Union Parliament
September	Mass Phase of the National Movement (1915 - 1947)
	Forward Bloc and INA
	Union Executive : The President and Vice-President of India
October	Independence and Partition of India
	The Contemporary World
	Union Executive : The Real Executive, Prime Minister & Union Council of Ministers
November	Rise of Dictatorship
	The Second World War
	Indian Judiciary : The Supreme Court of India & State High Courts
December	United Nations
	Judiciary : Subordinate Courts and Lok Adalats
	Major Agencies of the UNO
	Non Aligned Movement
January	Revision

History & Civics Project

Sr. No.	Practicals / Projects / Assignments
1	The Indian National Movement (1857 - 1917) : (a) The First World War of Independence, 1857. (b) Factors leading to the growth of Nationalism (c) First Phase of the Indian National Movement (1885 - 1907)
2	The Union Legislature: (a) Lok Sabha - Term, Composition, Qualifications for membership, Parliamentary Procedures (b) Rajya Sabha - Composition, Qualifications for Membership, Election, Term, Presiding Officer
3	The Union Executive : (a) The President, (b) The Vice President, (c) Prime Minister and Council of Ministers.
4	Mass Phase of the National Movement (1915 - 1947) : (a) Mahatma Gandhi (b) Forward Bloc and INA (c) Independence and Partition of India
5	The Judiciary: (a) The Supreme Court (b) The High Courts (c) Subordinate Courts

Std. X/ H&C

Class : X	Subject : Geography
Month	Chapter Name
April	Interpretation of Topographical Maps
	Maps of India
May	Location Extent and Physical Feature of India
June	Climate of India
July	Soil Resources
August	Natural Vegetation
	Water Resources
September	Mineral and Energy Resources
	Agriculture
	Food Crops : Rice, Wheat, Millets, Pulses
October	Commercial or Cash Crops
	Manufacturing Industries : Mineral Based
November	Agro Based Industries
	Transport
	Waste Management - I
December	Waste Management - II
January	Revision

Geography Project	
Sr. No.	Practicals / Projects / Assignments
1	On the physical map of India, draw the following: Soil Distribution, Distribution of Minerals.
2	On the physical map of India, draw the following: Position and Extent of India, Physical features of India, Mountains, Plateaus, Plains, Peaks & Rivers.
	Internal Assessment - Environment , Wildlife Conservation efforts in India.
3	On the physical map of India, draw the following: Distribution of Temperature, Rainfall, Winds in Summer & Winter.
	Internal Assessment - Current Geographical Issues (Development of Tourism in India)
4	On the physical map of India, draw the following : Tropical Evergreen Forest, Tropical Deciduous Forest, Mountain Forest, Mangrove Forest, Tropical Thorn Forest.
5	On the political map of India, draw the following : Cotton and Jute Growing areas, Beverage Crops, Tea and Coffee, Sugarcane Growing Areas.
6	On the political map of India mark the important cities and states.

Class : X	Subject : Physics
Month	Chapter Name
April	Force
	Work, Energy and Power
May	Work, Energy and Power
	Machines
June	Machines
	Refraction of Light at Plane Surface
July	Refraction of Light at Plane Surface
	Reflection through a lens
August	Spectrum
	Sound
September	Sound
	Current Electricity
October	Current Electricity
	Household Circuits
November	Electro-Magnetism
	Calorimetry
December	Calorimetry
	Radioactivity
January	Revision

Physics Practicals	
Sr. No.	Practicals / Projects / Assignments
1	To determine the mass of a metre rule using the principle of moments.
2	To determine the centre of gravity of an irregular lamina using plumb line method.
3	To determine the magnitude of an unknown mass suspended in a uniform metre rule using principle of moments.
4	To determine the point of suspension of a given mass in a uniform metre rule so, as to balance it horizontally.
5	To determine the melting point of wax.
6	To determine that boiling of water takes place at a constant temperature. Hence determine the boiling point of water.
7	To demonstrate refraction of light through a rectangular glass slab. Also measure the lateral displacement.
8	To determine course of rays passing through triangular prism. Find angle of prism(A) ,angle of deviation (δ) and verify $i_1 + i_2 = A + \delta$
9	To show the effect on resistance when two bulbs connected in series and in parallel.
10	To draw the magnetic field lines of a bar magnet.

Class : X	Subject : Chemistry
Month	Chapter Name
April	Periodic Table, Periodic Properties and variations of properties
May	Chemical Bonding
June	Acids, Bases and salts
July	Acids, Bases and salts
	Mole Concept and Stoichiometry
August	Mole Concept and Stoichiometry
	Electrolysis
September	Electrolysis
	Metallurgy
October	Study of Compound A (HCl)
	Study of Compound B (NH ₃)
November	Study of Compound C (NH ₄ OH)
	Study of Compound B (H ₂ SO ₄)
December	Organic Chemistry
January	Revision

Chemistry Practicals

Sr. No.	Practicals / Projects / Assignments
1	To find the effect of heat on a given substance (ZnCO_3)
2	To find the effect of heat on a given substance ($\text{Zn(NO}_3)_2$)
3	To find the effect of heat on a given substance ($\text{Cu(NO}_3)_2$)
4	To determine whether the given solution A and B are acidic or basic in nature.
5	Identification of metallic radicals with the help of flame test.
6	Identify the gas evolved by adding dilute hydrochloric acid to a metallic carbonate.
7	To identify the gas evolved by adding hydrochloric acid to active metal.
8	To identify the gas evolved by adding Conc (H_2SO_4) to a metallic chloride.
9	To find the PH of different substance.
10	To perform the flame test for calcium salt.

Class : X	Subject : Biology
Month	Chapter Name
April	Cell - The Structural and Functional Unit of Life
	Structure of Chromosomes, Cell Cycle and Cell Division
May	Genetics - Some Basic Fundamentals
	Absorption by Roots - The Processes Involved
June	Transpiration
	Photosynthesis
July	Chemical Coordination in Plants
	The Circulatory System
August	The Excretory System
	The Nervous System
September	Sense Organs
	The Endocrine System
October	The Reproductive System
	Human Evolution
November	Population - The Increasing Numbers and Rising Problems
December	Pollution - A Rising Environmental Problem
January	Revision

Biology Practicals

Sr. No.	Practicals / Projects / Assignments
1	To study the different stages of mitosis with the help of permanent slides of cell.
2	To demonstrate the process of diffusion in a liquid.
3	To demonstrate the process of transpiration in plants.
4	To demonstrate that oxygen is evolved during photosynthesis.
5	Demonstration of osmosis (Endosmosis).
6	To test that starch is produced in green leaf during photosynthesis.
7	To study the structure and function of the human urinary system.
8	To study the structure of human eye.
9	To study the structure of human ear.
10	To study the location and function of endocrine glands in humans

Class : X	Subject : Computer Applications
Month	Chapter Name
April	Revising Basic Java Concepts
	Class as Basis of all Computation
May	User - Defined Methods
June	User - Defined Methods
July	Constructors
August	Constructors
September	Using Library Classes
October	Encapsulation
	Array
November	Array
	String Handling
December	Miscellaneous Program
January	Revision

Computer Applications Project	
Sr. No.	Practicals / Projects / Assignments
1	18 Practical including 24 different programs.
2	Project on : Calculator, Movie Ticket Booking, Hotel Reservation System, Number Game, School Attendance Criteria, Resturant Reservation, Grocery Billing System, Railway Ticket Booking, Flight Reservations <i>(Project distributed according to Roll No.)</i>

Class : X		Subject : Economic	
Month		Chapter Name	
April	Factors of Production		
	Elementary Theory of Demand		
May	Elasticity of Demand		
June	Theory of Supply		
July	Meaning and Types of Markets		
August	Meaning and Functions of Money		
September	Commercial Banks		
	Central Bank		
October	Introduction to Public Finance		
	Public Revenue		
November	Public Expenditure		
	Public Debt		
December	Inflation		
	Consumer Awareness		
January	Revision		

Economic Project	
Sr. No.	Practicals / Projects / Assignments
1	A survey of 15 people paying different types of taxes.
2	An Assessment of Globalisation and Economic Development in India.
3	An Analysis of the combination of Factors of Production Used by an Industrial Unit.
4	A Study into the Determinants of Balance of Trade in India.