SUBJECT: COMMUNICATIVE ENGLISH

SUBJECT CODE : 101

Month	Literature Reader	Main Course Book	Reading, Grammar & Advanced Writing Skills	Activities/Projects
APRIL	PROSE • Two Gentlemen of Verona POETRY • The Frog and the Nightingale • Not Marble nor the Gilded Monuments	UNIT - 1 Health and Medicine Writing Skills - Laughter is the best Medicine.	1. Determiners 2. Tenses WRITING SKILLS: Email to school authorities (Application for leave/ change of subject/change of section/ bus-timings or similar topics) in maximum 50 words.	Demonstrative Knowledge + Understanding (Knowledge based simple recall questions, to know specific facts, terms, concepts, principles or theories, identify, define etc.
MAY	PROSE • Mrs. Packletide's Tiger	UNIT - 2 Education	Subject - Verb Concord WRITING SKILLS: Formal letters in maximum 120 words	Comprehension- To be familiar with meaning and to understand conceptually, interpret, compare, contrast, explain, paraphrase information) thematically aligned to top as in MCB
JUNE	POETRY • Ozymandias PROSE • The Letter	UNIT - 2 Education (Contd.)	Active and Passive Voice WRITING SKILLS: Factual description of a person object in maximum 100 words	
JULY	PROSE • The Letter POETRY • The Rime of Ancient Mariner Part I & II • The Dear Departed	UNIT - 3 Science	Modals WRITING SKILLS: Articles based on verbal cues, in maximum 150 words, thematically aligned to MCB topics.	Conceptual Application (Use abstract information in concrete situation, to apply knowledge to new situations;
AUGUST	A Shady plot		Reported Speech	use given content to interpret a situation, provide an example or solve a problem)
Revision and Term-I Examination				

Month	Literature Reader	Main Course Book	Reading, Grammar & Advanced Writing Skills	Activities/Projects
SEPTEMBER	• Snake • Pator Babu - A film Star	Unit - 4 Environment	Preposition	
OCTOBER	• Virtually Tree • Julius Caesar (Drama)	UNIT 5 Travel and Tourism	Integrated Grammar exercises: * Gap filling * Editing or Omission	Classroom interaction among peers, students and teachers through activities such as role play, group work etc. To make evaluation a true index of learners' attainment, each language skill is to be assessed through a judicious mixture of different types of questions.
NOVEMBER	• Julius Caesar (contd.)	UNIT 6 National Integration	Integrated Grammar exercises based on the topics of Grammar: * Sentences Reordering * Sentence Transformation	Take up questions for discussion to encourage pupils to participate and to marshal their ideas and express and defend their views. Besides measuring attainments, texts serve the dual purpose of diagnosing mistakes and areas of non- learning.
DECEMBER	Practice and Remedial Class.			Reading for comprehension, critical evaluation, inference and analysis are skills to be tested.
JANUARY	REVISION	REVISION	REVISION	REVISION
FEBRUARY	REVISION	REVISION	REVISION	REVISION
MARCH	ANNUAL EXAMINATION			

BLUE PRINT OF QUESTION PAPER

SECTION	QUESTION TYPE	TOTAL NUMBER OF QUESTIONS	MARKS PER QUESTION	TOTAL MARKS
Section A	Reading Skills (Two unseen passage	2 Unseen passages with 10 sub./MCQ based questions each	12+10	22 marks
Section: B	Writing Skills (Two Short composition and two long composition)	Email (Formal) Factual Description Formal letter Article = 4 questions	3+4+7+8	22 marks
Section: C	Grammar	Gap filling Editing or Omission Sentences Reordering or Sentence Transformation in context = 3 questions	3+4+3	10 marks
Section: D	Literature	2 Reference to context questions 5 Short answer type questions 1 Long answer type question = 3 questions	4+4=8 5x2=10 8 marks	26 marks
		OVERALL = 10 Questions		TOTAL = 80

SANSKRIT SYLLABUS (122)

TERM 1

मासाः	पाठाः	विषयाः	व्याकरणपाठाः
अप्रैलमासः	प्रथमपाठः	शुचिपर्यावरणम्	सन्धिकार्यम् (2+2)4 व्यञ्जनसन्धिः i. वर्गीय प्रथमवर्णस्य तृतीयवर्णे परिवर्तनम्, ii. प्रथमवर्णस्य पञ्चमवर्णे परिवर्तनम् विसर्गसन्धिः – i. विसर्गस्यउत्वम्, ii. रत्वम्, iii. विसर्गलोपः, iv. विसर्गस्य स्थाने स्,श्,ष् वाच्य परिवर्तनम् केवलं लट्लकारे (कर्तृ-कर्म-क्रिया)3
मईमासः	द्वितीयपाठः	बुद्धिर्बलवतीसदा	समासः- वाक्येषु समस्तपदानां विग्रहः विग्रहपदानां च समासः 4 i. अव्ययीभावः (अनु, उप, सह, निर्, प्रति, यथा) ii. तत्पुरुषः iii. बहुव्रीहिः iv. द्वन्द्वः (केवलम् इतरेतरद्वन्द्वः)
जूनमासः	चतुर्थपाठः पञ्चमपाठः	शिशुलालनम् जननीतुल्यवत्सला	प्रत्ययाः (3+1) 4 i. तद्धिताः - मतुप्,ठक्,त्व,तल् ii. स्त्रीप्रत्ययौ - टाप्, ङीप् 5.समयः- अङ्कानां स्थाने शब्देषु समयलेखनम् (सामान्य, सपाद, सार्ध, पादोन) 4
जुलाईमासः	षष्ठपाठः	सुभाषितानि	6. अव्ययपदानि उच्चैः, च, वः, ह्यः, अद्य, अत्र-तत्र, यत्र-कुत्र, इदानीम्, (अधुना, सम्प्रति, साम्प्रतम्) यदा, तदा, कदा, सहसा, वृथा, शनैः, अपि, कुतः, इतस्ततः, यदि तर्हि, यावत्-तावत् 3 7. अशुद्धिसंशोधनम् (वचन-लिङ्ग-पुरुष-लकार-विभक्तिदृष्ट्या संशोधनम्) 3 8. अपठितावबोधनम् (10 अंङ्काः) 80-100 शब्दपरिमितः एकः अपठितः गद्यांशः, सरलकथा, वर्णने 2+4+3+1 i. एकपदेन पूर्णवाक्येन च अवबोधनात्मकं कार्यम् ii.अनुच्छेदाधारितं भाषिककार्यम् iii. शीर्षकलेखनम्
अगस्तमासः	पुनरावृत्तिः	गद्यांश-पद्यांश-नाट्यांश अधिकृत्य अवबोधनात्मकं कार्यम् (30 अङ्काः) प्रश्नप्रकाराः एकपदेन पूर्णवाक्येन च प्रश्नोत्तराणि भाषिककार्यम्– वाक्ये कर्तृक्रियापदचयनम्, विशेषण-विशेष्यचयनम् पर्याय-विलोमपदचयनम् I. वाक्येषु रेखाङ्कितपदानि अधिकृत्य चतुर्णां प्रश्नानां निर्माणम् 4	9. रचनात्मककार्यम् (15 अंङ्काः) i. सङ्केताधारितम् औपचारिकम् अथवा अनौपचारिकं पत्रलेखनम् 5 ii. चित्रवर्णनम् अथवा अनुच्छेदलेखनम् 5 iii. हिन्दीभाषायाम् आङ्ग्लभाषायां वा लिखितानां पञ्चसरलवाक्यानां संस्कृतभाषायाम् अनुवादः 5

विषय - हिन्दी

TERM- I

Month	Chapters
April	सूरदास के पद, नेताजी का चश्मा (क्षितिज भाग–2) माता का अंचल (कृतिका भाग–2)
	अलंकार, अनुच्छेद लेखन (व्याकरण)
May	आत्मकथ्य (क्षितिज भाग–2)
	वाच्य, पत्र–लेखन (व्याकरण)
June	बालगोबिन भगत, उत्साह, अट नहीं रही, लखनवी अंदाज (क्षितिज भाग–2)
July	साना–साना हाथ जोड़ी (कृतिका भाग–2)
	पद–परिचय, वाक्य–भेद (रचना के आधार पर), संदेश–लेखन (व्याकरण)
August	विज्ञापन लेखन, स्ववृत्त–लेखन, ईमेल–लेखन (Revision and Term- I Exam)
September	राम–लक्ष्मण–परशुराम संवाद, एक कहानी यह भी (क्षितिज भाग–2)
For internal assessment	1) कक्षा में सस्वर कविता वाचन (सूरदास के पद) 2) भक्ति काल के पांच कवियों का सचित्र जीवन परिचय, कार्य क्षेत्र तथा उनकी प्रमुख रचनाओं का उल्लेख करते हुए कम से कम प्रत्येक की एक रचना (पद) सुंदर अक्षरों में लिखकर आकर्षक परियोजना कार्य तैयार करें।
TERM - II	
October	यह दंतुरित मुस्कान, फसल, संस्कृति, संगतकार (क्षितिज भाग–2)
November	मैं क्यूँ लिखता हूँ? (कृतिका भाग–2) Revision For Pre-board Exam
For internal assessment	1) हिन्दी भाषा और रोजगार' विषय पर आलेख लिखकर कक्षा में भाषण के रुप में प्रस्तुत करें। 2) समूह बनाकर समसामयिक मुद्दों पर कक्षा में नाटक प्रस्तुतिकरण। (शिक्षक अपनी पसंद का कोई भी विषय दे सकते हैं)

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विषय वस्तु	उप भार	कुल भार (100)
खंड 'क' **अपठित बोध**		
तीन बहुविकल्पीय प्रश्न एवं दो प्रश्न अतिलघुत्तरात्मक एवं लघुतात्मक प्रश्न	1 × 3 = 3 2 × 2 = 4	7
तीन बहुविकल्पीय प्रश्न एवं दो प्रश्न अतिलघुत्तरात्मक एवं लघुतात्मक	1 × 3 = 3 2 × 2 = 4	7
खंड 'ख' **व्यावहारिक व्याकरण**		
रचना के आधार पर वाक्य भेद (पांच में से चार प्रश्न)	1 × 4 = 4	
वाच्य (पांच में से चार प्रश्न)	1 × 4 = 4	
पद–परिचय (पांच में से चार प्रश्न)	1 × 4 = 4	
अलंकार (पांच में से चार प्रश्न)	1 × 4 = 4	16
खंड 'ग' **पाठ्य-पुस्तक**		
क्षितिज से निर्धारित पाठों में से गद्यांश में से पांच बहुविकल्पीय प्रश्न	1 × 5 = 5	
क्षितिज से निर्धारित गद्य पाठों के आधार पर (चार में से तीन प्रश्न)	2 × 3 = 6	
क्षितिज से निर्धारित कविताओं में से काव्यांश के आधार पर बहुविकल्पीय पांच प्रश्न	1 × 5 = 5	
क्षितिज से निर्धारित कविताओं के आधार पर (चार में से तीन प्रश्न)	2 × 3 = 6	
कृतिका के निर्धारित पाठों पर आधारित (तीन में से दो प्रश्न)	4 × 2 = 8	30
खंड 'घ' **रचनात्मक लेखन**		
अनुच्छेद– लेखन (तीन विषयों में से कोई एक)	6	
औपचारिक अथवा अनौपचारिक पत्र	5	
स्ववृत्त– लेखन अथवा ईमेल – लेखन	5	
विज्ञापन – लेखन अथवा		
संदेश– लेखन	4	20
आंतरिक मूल्यांकन		
सामयिक आकलन	5	
बहुविध आकलन	5	
पोर्टफोलियो	5	
श्रवण एवं वाचन	**5**	**20**
	कुल	**100**

मासाः	पाठाः	विषयाः	व्याकरणपाठाः
		II. श्लोकान्वयः/एकस्य श्लोकस्य संस्कृतेन भावार्थलेखनम् 4 iii. घटनाक्रमानुसारं कथालेखनम् 4 IV. प्रसङ्गानुकूलमर्थलेखनम् 3	

सौहार्द प्रकृतेः शोभा

सितम्बरमासः	सप्तमपाठः	विचित्रः साक्षी	
अक्टूबरमासः	नवमपाठः	सूक्तयः	
नवम्बरमासः	द्वादशपाठः	अन्योक्तयः	
दिसम्बरमासः	पुनरावृत्तिः		

प्रश्नपत्राणां प्रारूपम्

प्रश्नप्रकारः	प्रश्नानां सङ्ख्या	विभाग-सङ्ख्या	प्रतिप्रश्नम् अङ्कभारः	आहत्याङ्काः
अति-लघूत्तरात्मकाः½ अङ्कः	2 +2+2 =6	3	½	3
अति-लघूत्तरात्मकाः 1अङ्कः	2=2	1	1	2
बहुविकल्पात्मकाः 1 अङ्कः	3 +4+4+3+3 = 17	5	1	17
लघुत्तरात्मकाः 1 अङ्कः	2+2+2+1+4+4+3+3=21	8	1	21
दीर्घोत्तरात्मकाः ½ अङ्कः	10 +8 = 18	2	½	9
दीर्घोत्तरात्मकाः 1 अङ्कः	5+5+2+2+2+4+4 =24	7	1	24
दीर्घोत्तरात्मकाः 2 अङ्कः	2=2	1	2	4
			आहत्याङ्काः	80

SUBJECT - MATHEMATICS

MONTH	TOPIC	ACTIVITY/PROJECT
APRIL	UNIT-1 NUMBER SYSTEM : Ch.- 1 REAL NUMBER UNIT-2 ALGEBRA : Ch. – 2 POLYNOMIALS	1. To find the HCF of two nos. experimentally based on Euclid's Division Lemma. 2. To draw the graph of a quadratic polynomial and observe: a) Shape of the curve when the coefficient of x2 positive or negative. b) Its number of zeroes. Project 1. – Indian mathematicians and their contributions.
MAY	UNIT-2 ALGEBRA : Ch. – 3 PAIR OF LINEAR EQUATIONS IN TWO VARIABLES, Ch. – 4 QUADRATIC EQUATIONS Ch. – 5 ARITHMETIC PROGRESSIONS (INTRODUCTION)	3. To verify the conditions of consistency/inconsistency for a pair of linear equations in two variables by graphical method. 4. To obtain the solution of a quadratic equation (x2 + 4x = 60) by completing the square geometrically.
JUNE	Ch - 5 Arithmetic Progressions Introduction	
JULY	UNIT-2 ALGEBRA : Ch. – 5 ARITHMETIC PROGRESSIONS	5. To identify Arithmetic Progressions in some given lists of numbers (patterns).
AUGUST	UNIT-3 COORDINATE GEOMETRY : Ch. – 7. COORDINATE GEOMETRY UNIT- 4 GEOMETRY : Ch. – 6 TRIANGLES UNIT- 5 TRIGONOMETRY : Ch. – 8 INTRODUCTION TO TRIGONOMETRY, Ch. – 9 SOME APPLICATIONS OF TRIGONOMETRY.	6. To find sum of n natural numbers. 7. To find sum of the first n even natural numbers.
SEPTEMBER	REVISION AND TERM – I EXAMINATION	
OCTOBER	UNIT – 10 CIRCLES UNIT – 12 AREA RELATED TO CIRCLES UNIT – 13 SURFACE AREAS AND VOLUMES	8. To verify the distance formula by graphical method. 9. To find number of tangents from an external point to the circle. Project 2. – To prepare a list of quotations on Mathematics
NOVEMBER	UNIT -14 STATISTICS UNIT -15 PROBABILITY REVISION	
DECEMBER	SAMPLE PAPER PRACTICE & REMEDIAL CLASS	

BLUE PRINT/MARKING SCHEME FOR TERM – 1

SL. NO.	Unit/chapter	VSA(01)	VSA(02)	SA(03)	SA(04) CASE BASED QUESTIONS	LA(05)	TOTAL
1	1. REAL NUMBERS	03	01*	01	-	-	(08) (05 QUESTIONS)
2	2. POLYNOMIALS	02*	-	01	-	01	(33) (15 QUESTIONS)
	3. LINEAR EQUATIONS IN TWO VARIABLES	02	-	01*	01	-	
	4. QUADRATIC EQUATIONS	02	01	-	-	01*	
	5. ARITHMETIC PROGRESSIONS	02	-	01	-	-	
3	7. COORDINATE GEOMETRY	03	01*	--	01	--	(09) (05 QUESTIONS)
4	6. TRIANGLES	03*	01	01	01	01*	(17) (07 QUESTIONS)
5	8. INTRO. TO TRIGNOMETRY	02	01	01*	-	01	(13) (06 QUESTIONS)
	9. SOME APPLICATIONS OF TRIGNOMETRY	01	-	-	-	01	
	TOTAL	20 Q	5 Q	6 Q	3 Q	4 Q	80 MARKS 38 QUESTIONS
	* Stands for assertion -reason based question in section -A and optional questions in other sections.						

BLUE PRINT/MARKING SCHEME FOR PRE-BOARD EXAM 2025-26

SL. NO.	Unit/chapter	VSA(01)	VSA(02)	SA(03)	SA(04) CASE BASED QUESTIONS	LA(05)	TOTAL
1	1.REAL NUMBERS	01	01*	01	-	-	(06) (03 QUESTIONS)
2	2.POLYNOMIALS	02	01	-	01	-	(20) (11 QUESTIONS)
	3.LINEAR EQUATIONS IN TWO VARIABLES	02	-	-	01	-	
	4.QUADRATIC EQUATIONS	01	01	-	-	01	
	5.ARITHMETIC PROGRESSIONS	02	-	-	-	-	
3	7. COORDINATE GEOMETRY	01	01*	01	-	-	(06) (03 QUESTIONS)

SL. NO.	Unit/chapter	VSA(01)	VSA(02)	SA(03)	SA(04) CASE BASED QUESTIONS	LA(05)	TOTAL
4	6.TRIANGLES	01*	-	01	01	01*	(15) (05 QUESTIONS)
	10. CIRCLES	02	-	-	-	-	
5	8. INTRO. TO TRIGNOMETRY	01	01	01*	-	-	(12) (05 QUESTIONS)
	9. SOME APPLICATIONS OF TRIGNOMETRY	01	-	-	-	01	
6	12. AREAS RELATED TO CIRCLES	01	-	01*	-	-	(10) (05 QUESTIONS)
	13. SURFACE AREAS AND VOLUMES	02*	-	-	01	-	
7	14. STATISTICS	01	-	-	-	01*	(11) (06 QUESTIONS)
	15. PROBABILITY	02	-	01	-	-	
	TOTAL	20 Q	5 Q	6 Q	3 Q	4 Q	80 MARKS 38 QUESTIONS
	*Stands for assertion -reason based question in section -A and optional questions in other sections.						

SUBJECT- SCIENCE

MONTH	TOPIC	ACTIVITY
APRIL	**PHYSICS** Light - Reflection and Refraction 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, Numericals.	1. Image formed by: Concave Convex reflecting surface Using Large spoon and a candle 2. Solving numerical through activities.
	CHEMISTRY Chemical substances nature and behaviour Chemical equation, Balanced chemical equation Implications of a balanced chemical equation, Types of chemical reactions combination, Decomposition Displacement, Double displacement, Precipitation, endothermic exothermic reactions	1. Combustion of magnesium ribbon 2. Reaction of zinc with acid. 3. Reaction between lead nitrate and potassium iodide 4. Reaction between quicklime and water 5. Decomposition reaction and double displacement reaction
	BIOLOGY Life Processes Nutrition Respiration (Break down of glucose by various pathways)	Slide preparation to study the presence of stomata in leaf. Demonstrate the presence of chlorophyll, role of light and importance of carbon dioxide in photosynthesis. Observe the effect of salivary amylase on food. Survey-dental carries in students.
MAY	**PHYSICS** Light - Reflection and Refraction Refraction; Laws of refraction, refractive index. Refraction of light by spherical lens; Image formed by spherical lenses	Refraction of light through a rectangular glass through a rectangular glass slab. Sun rays are focused by a convex lens on a piece of paper. Nature of the image formed by a convex lens of lighted candle.
	CHEMISTRY Chemical substances nature and behaviour Oxidation and reduction	6. Electrolysis of water 7. Displacement reaction double displacement reaction
	BIOLOGY LIFE PROCESSES RESPIRATION Plants animals and human beings.	Demonstrate the production of carbon dioxide. Eg-addition of yeast to fruit juice.

MONTH	TOPIC	ACTIVITY
JUNE	**PHYSICS** Light - Reflection and Refraction Revision of April and May months topics Lens formula (Derivation not required); Magnification. Power of a lens	Solving numerical through activities.
	CHEMISTRY Acids bases and salts Their definitions in terms of furnishing of H+ and OH - ions, General properties , Examples and uses, Neutrilization reaction , concept of pH scale(Definition relating to logarithm not required)	1. Action of indicators on different chemicals 2. Olfactory indicators 3. Reaction of zinc with HCl and NaOH. 4. Reaction of metal carbonates and bicarbonates with acid 5. Activities showing neutralization reaction
	BIOLOGY Life Processes, Transportation Excretion (human)	Aquarium-Counting the number of times the fish opens and closes its mouth in a minute and comparing with breathing rate of own self.
JULY	**PHYSICS** The Human Eye and the 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 daily life (excluding colour of the sun at sunrise and sunset) Term-I	Concave mirror used as shaving mirror. Convex mirror used as rear - view mirror. Refraction of light through a prism Dispersion of sunlight by a prism
	CHEMISTRY ACIDS BASES AND SALTS Importance of PH in everyday life, Preparation and uses of sodium hydroxide, Bleaching powder, Baking soda	6. Activity showing acidic hydrogen present in a substance 7. Action of HCl gas on dry and wet litmus paper 8. Solubility of following chemical Sodium chloride, potassium nitrate, aluminium chloride ,zinc sulphate, copper sulphate ,sodium acetate etc.
	BIOLOGY LIFE PROCESSES EXCRETION (in plants) Control & ordination	Collecting data related to haemoglobin of persons of various age group (male and female) and compare. Measuring blood pressure. Transpiration in plants. Concept of organ donation.

MONTH	TOPIC	ACTIVITY
AUGUST	**PHYSICS** The Human Eye and the Colourful World Current Electricity Electric current, potential difference and electric current. Ohm's law. Term-I	Verification of Ohm's law
	CHEMISTRY Acids bases and salts Washing soda and plaster of Paris Revision for the first term. Term-I	-
	BIOLOGY CONTROL AND CO-ORDINATION (Endocrine System) Revision, Term-I	Observe sensitivity in touch me not plant. Demonstrate phototropism and geotropism in plants.
SEPTEMBER	**PHYSICS** Current Electricity 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.	Components made of different materials offer different electricals resistance. Factors on which the resistance of a metallic conductor depends. To study the value of resistors when connected in series and parallel (hands on experiment)
	CHEMISTRY Metals and non-metals Physical properties of metals and nonmetals, Chemical properties of metals and non metals, reactivity series, Formation and properties of ionic compounds, Basic metallurgical processes, corrosion and its prevention. Metals and nonmetals Chemical properties of metals and nonmetals, Reactivity series, Formation and properties of ionic compounds, Basic metallurgical processes, Corrosion and its prevention	1. Activities to show some basic physical properties of metal and nonmetals 2. To Test the nature of metallic and non-metallic oxides 3. Formation of reactivity series with the help of displacement reaction 4. Activities to show properties of ionic compound 5. Rusting of iron
	BIOLOGY How do organisms reproduce	

MONTH	TOPIC	ACTIVITY
OCTOBER	**PHYSICS** Magnetic Effect 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	A) The current passing through different points same in an electric circuit consisting of different resistors connected in series. Potential difference across the ends of different resistors connected in series in an electric circuit depend upon the value of a resistors. 1. Does a current carrying conductor produce magnetic field? What is the pattern of magnetic field lines around a bar magnet? How to draw magnetic field lines around a bar magnet? How does a current carrying circular coil produce a magnetic field? How does a conductor placed in a magnetic field behave when a current is passed through it. What happens when a magnet is moved near a coil of wire? What is the effect of varying the current in a coil on placing another coil near it?
	CHEMISTRY Carbon compounds Covalent bonding in carbon compounds versatile nature of carbon, Homologous series (Halogens, Alcohol, ketone, aldehyde alkanes, alkenes,alkynes), Difference between saturated and unsaturated hydrocarbons, Chemical properties of carbon compounds(Combustion oxidation, addition and substitution)	1. Burning of saturated and unsaturated carbon compounds 2. To show is esterification reaction 3. Reaction between sodium and ethanol
	BIOLOGY HOW DO ORGANISMS REPRODUCE	Observe asexual reproduction in organism Study slide-Binary fission in Amoeba, budding in yeast. Vegetative propagation in plants. Study different parts of a flower and their role in sexual reproduction.

MONTH	TOPIC	ACTIVITY
NOVEMBER	**PHYSICS** Revision Preboard	
	CHEMISTRY Carbon compounds Nomenclature Ethanol and ethanoic acid(only properties and uses), Soaps and detergents, Preboard	4. To compare the pH of dilute acetic acid and dilute hydrochloric acid 5. To show property of soap in oil and water
	BIOLOGY HEREDITY, OUR ENVIRONMENT	Study distribution of hereditary characters. Visit natural and artificial ecosystem

BLUE PRINT FOR TERM - 1 2025-26

Chapter Name	1M (MCQ)	1M (A/R)	2M	3M	5M	4M (CB)	TM
Light - Reflection and Refraction	1	1	1	2	1	1	19
The Human Eye and the Colourful World	1	-	1	1	-	-	6
Chemical reactions	4	-	1	1	1	-	14
Acids bases and salts	4	-	-	1	-	1	11
Life Processes	5	1	2	1	1	-	18
Control and Coordination	2	1	1	1	-	1	12

BLUE PRINT FOR PRE-BOARD 2025-26

Chapter Name	1M (MCQ)	1M (A/R)	2M	3M	5M	4M (CB)	TM
Light - Reflection and Refraction	-	-	-	-	1	1	9
The Human Eye and the Colourful World	1	1	1	1	-	-	7
Current Electricity	1	-	-	1	-	-	4
Magnetic Effect of Electric Current	-	-	1	1	-	-	5
Chemical reactions	3	-	-	1	-	-	6
Acids bases and salts	3	-	-	-	-	-	3
Metals and nonmetals	1	-	1	1	-	1	10

Chapter Name	1M (MCQ)	1M (A/R)	2M	3M	5M	4M (CB)	TM
Carbon and its compounds	1	-	-	-	1	-	6
Life Processes	1	1	2	1	-	-	9
Control And Coordination	1	-	1	-	-	-	3
How Do Organisms Reproduce	1	-	-	-	1	-	6
Heredity	2	1	-	-	-	1	7
Our Environment	-	-	1	1	-	-	5

SUBJECT-SOCIAL SCIENCE (History & Pol.Sc.)

MONTH	CHAPTER/TOPIC	ACTIVITY	MARKS
APRIL	**POWER SHARING** Belgium and Sri Lanka Majoritarianism in Sri Lanka Accommodation in Belgium, Why power sharing is desirable? Forms of power sharing	Map skills - Belgium, and Sri Lanka Cartoon interpretation, A debate on the need of power sharing	5
	RISE OF NATIONALISM IN EUROPE Introduction The French Revolution and the idea of the Nation	Picture analysis Find out the difference between the two maps of Europe - 1815 and present Map	7
MAY	**RISE OF NATIONALISM IN EUROPE** The making of Germany and Italy The Aristocracy and the new middle class What did liberal nationalism stand for? New conservatism after 1815 The age of revolution, 1830,- 1848 The romantic imagination and national feeling Hunger, hardship, and popular revolt The making of Germany and Italy Visualising the nation Nationalism and imperialism	Illustrate that the quest for imperialism triggered the First World War.	
JUNE	**FEDERALISM** What is federalism? What makes India a federal country? How is federalism practised? Decentralisation in India	Picture analysis	15
	NATIONALISM IN INDIA The First World War, Khilafat and Non-cooperation Differing strands within the movement	Role-play	7(5+2)
JULY	**NATIONALISM IN INDIA** Towards Civil Disobedience, The sense of collective belonging Gender, Religion, and Cast Gender and Politics Religion, Communalism and Politics Caste and Politics Caste inequality today	Picture interpretation Peer discussion Map skill Diary writing Flowchart Data interpretation Debate	4

MONTH	CHAPTER/TOPIC	ACTIVITY	MARKS
	THE MAKING OF GLOBAL WORLD The pre-modern world - Conquest, Disease and trade The 19th century, 1815- 1914 Role of technology The inter War economy Rebuilding world economy, the post era	From topic The 19th century 1815-1914 to Rebuilding World Economy for interdisciplinary project	2
	AGE OF INDUSTRIALISATION	TO BE ASSESSED IN INTERNAL ASSESSMENT	To be Assessed in internal Assessment
AUGUST	**POLITICAL PARTIES** Why do we need political parties? How many parties should we have National Regional Parties? State parties Challenges of Regional Parties How can parties be reformed?	PowerPoint presentation Map skill PROJECT Cartoon interpretation Debate Data analysis Collage of different party symbols Analysis of election results	4
SEPTEMBER	Revision First Term		
OCTOBER	OUTCOME OF DEMOCRACY How do we assess Outcome of Democracy ? Accountable Responsive and Legitimate Government Economic Growth and Development Reduction of Inequality and Poverty Accommodation of Social Diversity Dignity and freedom of Citizens	Quiz Mind Map Concept Map	2
	PRINT CULTURE AND THE MODERN WORLD The First Printed Book Print Comes to Europe	Collage Making • Concept Map on Evolution of Printing Press	4
NOVEMBER	The Print Revolution and the Modern World The Reading Mania India and the World of Print Religious Reforms and Public Debate New forms of Publication Print and Censorship Revision		
DECEMBER	Revision & Pre-Board		

SUBJECT- GEOGRAPHY

TERM 1

Months	Geography	Activities
APRIL	CH1 RESOURCES AND DEVELOPMENT	Group discussion on the indiscriminate use of resources
MAY	CH-2 FOREST AND WILDLIFE	Slogan writing on conserving biodiversity
JUNE	CH-2 CONTINUED + CH 3 WATER RESOURCES	Poster making
JULY	CH -4 AGRICULTURE	PPT on various crops and its geographical requirement for its growth
AUGUST	REVISION	
SEPTEMBER	Half yearly examination	

TERM 2

Months	Geography	Activities
OCTOBER	CH -5 MINERAL AND ENERGY RESOURCES	map work on mineral distribution
NOVEMBER	CH -6 MANUFACTURING INDUSTRIES + CH 7 LIFELINES OF THE NATIONAL ECONOMY (ONLY MAPWORK)	Nukkad natak on environmental pollution by the students for creating general awareness
DECEMBER	PREBOARD EXAMINATION	

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	Geography (20 Marks)
1. Sec A MCQ	1x3=3
2. Sec B Vey short answer	2×1=2
3. Sec C short answer(SA)	3x1=3
4. Sec D Case Study	4x1=4
5. Sec E Long Answers (LA)	5x1=5
6. Sec F Map Skill	3x1=3

SUBJECT- ECONOMICS

Economics (Understanding Economic Development)	Suggestive no of periods = 50	20

Chapter No	Chapter Name	No. of Periods	Marks Allocated
1	Development	12	20
2	Sectors of the Indian Economy	12	
3	Money and Credit	12	
4	Globalisation and the Indian Economy To be evaluated in the Board Examination ->What is Globalisation? ->Factors that have enabled Globalisation	8	
	For interdisciplinary project as part of multiple assessments (Internally assessed for 5 Marks) ->Production across the countries ->Chinese toys in India ->World Trade Organisation ->The Struggle for a Fair Globalisation	6	
5	Consumer Rights (Project Work)		

SUBJECT : ARTIFICIAL INTELLIGENCE

	Units	No. of Hours for Theory and Practical	Max. Marks for Theory and Practical
PART A	**Employability Skills**		
	Unit1 : Communication Skills-II	10	2
	Unit2 : Self-Management Skills-II	10	2
	Unit3 : ICT Skills-II	10	2
	Unit4 : Entrepreneurial Skills-II	10	2
	Unit5 : Green Skills-II	10	2
	Total	**50**	**10**

	Subject Specific Skills	Theory (hours)	Practical (hours)	Marks
PART B	Unit1:Revisiting AI Project Cycle & Ethical Frame works for AI	11	4	7
	Unit2:Advanced Concepts of Modeling in AI	18	7	11
	Unit3:Evaluating Models	21	4	10
	Unit4:Statistical Data	–	28	–
	Unit5:Computer Vision	10	20	4
	Unit6:Natural Language Processing	20	7	8
	Unit7:Advance Python	10	–	
	Total	**160**		**40**

PART C	Practical & Project Work:		Marks
	Practical File with minimum 15 Programs		15
	Practical Examination		
	● Unit4:Statistical Data		
	● Unit5:Computer Vision		
	● Unit6:Natural Language Processing		15
	● Unit7:Advance Python		
	Viva		5
	Project Work /Field Visit /Student Portfolio (Any one to be done)		10
	Viva (related to project work)		5
	Total		**50**
	GRAND TOTAL	**210**	**100**

Month	Sub-Unit	Learning Outcomes	Activity / Practical
April	**UNIT1 : Revisiting AI Project Cycle & Ethical Frameworks for AI**		
	AI Project Cycle	Understand the stages of the AI Project Cycle.	Session: Revisiting AI Project Cycle
	Introduction to AI Domains	Understand the concept of Artificial Intelligence (AI) domains and the illustrations of practical applications within each AI domain.	Session: The three domains of AI and their applications.
	Ethical Frame works of AI	Learn about the ethical framework for AI and its category. Explore Bioethics, a popular framework that is used in the healthcare industry.	Session : Frameworks, Ethical Frame work and need of Ethical Frameworks for AI. Session : Types of Ethical Frame works.
	ADVANCE PYTHON	Able to write basic Python programs using fundamental concepts such as variables, data types, operators, and control structures.	Session : Introduction to Python
May	**Employability Skills**		
	Unit1 : Communication Skills-II **Unit 2 : Self-Management Skills-II**		
	Unit 2 : Advanced Concepts of Modeling in AI		
	Revisiting AI, ML, DL	Understand AI, ML and DL	Session: Differentiate between AI, ML, and DL Session: Common terminologies used with data
June	Modeling	• Familiarize with supervised, unsupervised and reinforcement learning based approach. • Understand sub categories of Supervised, Unsupervised and deep learning models.	Session : Types of AI Models: Rule Based Approach, Learning Based Approach Session : Categories of Machine learning based models: Supervised Learning (https://teachablemachine.withgoogle.com/), Unsupervised Learning (https://experiments.withgoogle.com/ai/drum-machine/view/), Reinforcement Learning (https://teachablemachine.withgoogle.com/), Unsupervised Learning (https://experiments.withgoogle.com/ai/drum-machine/view/), Reinforcement Learning

Month	Sub-Unit	Learning Outcomes	Activity / Practical
			Session: Sub categories of Supervised Learning Model: Classification Model, Regression Model Session: Sub categories of Unsupervised Learning Model: Clustering, Association Session: Sub categories of Deep Learning: Artificial Neural networks(ANN), Convolutional Neural Network (CNN)
	Artificial Neural Networks	Understand Neural Networks Understand how AI makes a decision	Session: What is Neural Network? Session: How does AI make a Decision? Activity: Human Neural Network–The Game Suggested Neural Network Activity: https://playground.tensorflow.org/
July	**Employability Skills** **Unit 3 : ICT Skills-II**		
	UNIT 3 : Evaluating Models		
	Importance of Model Evaluation	Understand the role of evaluation in the development and implementation of AI systems.	Session : What is evaluation? Session : Need of model evaluation
	Splitting the training set data for Evaluation	Understand Train-test split method for evaluating the performance of a machine learning algorithm	Session : Train-test split
	Accuracy and Error	Understand Accuracy and Error for effectively evaluating and Improving AI models	Session : Accuracy Session : Error Activity : Find the accuracy of the AI model
	Evaluation metrics for classification	Learn about the different types of evaluation techniques in AI, such as Accuracy, Precision, Recall and F1Score,and their significance.	Session: What is Classification? Session: Classification metrics Activity : Build the confusion matrix from scratch Activity: Calculate the accuracy of the classifier model Activity: Decide the appropriate metric to evaluate the AI model

Month	Sub-Unit	Learning Outcomes	Activity / Practical
	Ethical concerns around model evaluation	Understand ethical concerns around model evaluation	Session :Bias, Transparency, Accuracy
August	**UNIT 4 : Statistical Data (To be assessed through Practicals)**		
	Introduction & No code AI tool	Define the concept of Statistical Data and understand its applications in various fields. Define No-Code and Low- Code AI. Identify the differences between Code and No-Code AI concerning Statistical Data.	Session : No code AI tool • Introduction to Data Science & its applications • Meaning of No-Code AI • No-Code and Low-Code. • Some no-code tools
	Statistical Data: Use Case Walk through	Relate AI project stages to the stages of No-Code AI projects Able to use no-code tool Orange Data mining. To perform data exploration, modeling and evaluation with Orange data mining.	Session • Important concepts in Statistics. • Orange data mining • AI project cycle in Orange data mining (Palmer penguins case study) Activity: MS Excel for Statistical Analysis.
	+ REVISION		
September	**UNIT 5 : Computer Vision (To be assessed through Theory)**		
	Introduction	Define the concept of Computer Vision and understand its applications in various fields.	Session: Introduction to Computer Vision
	Concepts of Computer Vision	Understand the basic concepts of image representation, feature extraction, object detection and segmentation.	Session : Understanding CV Concepts ● Computer Vision Tasks ● Basics of Images-Pixel, Resolution, Pixel value ● Gray scale and RGB images
	No-Code AI Tools		
	UNIT 6 : Natural Language Processing (To be assessed through Theory)		
	Introduction	Comprehend the complexities of natural languages. and elaborate on the need for NLP techniques for machines to understand various natural languages effectively.	Session: Features of natural languages. Session: Introduction to Natural Language Processing

Month	Sub-Unit	Learning Outcomes	Activity / Practical
	Applications of Natural Language Processing	Explore the various applications of NLP in every day life ,such as , voice assistants, auto generated captions, language translation, sentiment analysis, text classification and keyword extraction.	Session: Various real-life applications of NLP Activity: Keyword Extraction https://cloud.google.com/natural-language
	Stages of Natural Language Processing(NLP)	Understand the concepts like lexicon, syntax, semantics, and logical analysis of input text.	Session: Explore the various stages of NLP that involve in understanding and processing human language.
	Chat bots	Understand the concept of chat bots and the differences between smart bots and script bots.	Activity: Play with chat bots Session: Script Bot V/s Smart Bot
	Concepts of Natural Language Processing :Text Processing + Natural Language Processing: Use Case Walkthrough	Learn about the Text Normalization technique used in NLP and the popular NLP model -Bag-of-Words	Session: Text Processing ● Text Normalisation ● Bag of Words Hands-on : Text processing ● Data Processing ● Bag of Words ● TFIDF
October	**UNIT 7 : ADVANCE PYTHON(To be assessed through Practicals)** **Able to use Python built-in functions and libraries.**		
	Employability Skills Unit4 : Entrepreneurial Skills-II Unit5:Green Skills-II		
November	**REVISION**		