

## SUBJECT: COMMUNICATIVE ENGLISH

SUBJECT CODE : 101

Month	Literature Reader	Main Course Book	Reading, Grammar & Advanced Writing Skills	Activities/Projects
APRIL	<p>PROSE</p> <p>1. Two Gentlemen of Verona</p> <p>POETRY</p> <p>1. The Frog and the Nightingale</p>	<p>UNIT - 1 Health and Medicine</p> <p>Writing Skills - Laughter is the best Medicine.</p>	<p>1. Tenses and it's kinds, usage</p> <p>2. Modals</p> <p>WRITING SKILLS: Email to school authorities (Application for leave/change of subject/change of section/ bus-timings or similar topics) in maximum 50 words.</p>	<p>Demonstrative Knowledge + Understanding (Knowledge based simple recall questions, to know specific facts, terms, concepts, principles or theories, identify, define etc.</p>
MAY	<p>PROSE</p> <p>2. Mrs. Packletide's Tiger</p>	<p>UNIT - 2 Education</p>	<p>Subject - Verb Concord</p> <p>WRITING SKILLS: Factual Description of a person/object in maximum 100 words</p>	<p>Comprehension- To be familiar with meaning and to understand conceptually, interpret, compare, contrast, explain, paraphrase information)</p>
JUNE	<p>POETRY</p> <p>2. Not Marble nor the Gilded Monuments (Poem)</p> <p>PROSE</p> <p>3. The Letter</p>	<p>UNIT - 3 Science</p>	<p>Use of Passive Voice</p> <p>Reported Speech:-</p> <ul style="list-style-type: none"> <li>* Commands and requests</li> <li>* Statements</li> <li>* Questions</li> </ul> <p>WRITING SKILLS: Formal letters, in maximum 120 words, thematically aligned to topics in MCB.</p>	
JULY	<p>PROSE</p> <p>3. The Letter</p> <p>POETRY</p> <p>3. Ozymandias</p>	<p>UNIT - 3 Science (Contd..)</p>	<p>Clauses: Noun clauses Adverb clauses Relative clauses</p>	<p>Conceptual Application (Use abstract information in concrete situation, to apply knowledge to new situations;</p>

Month	Literature Reader	Main Course Book	Reading, Grammar & Advanced Writing Skills	Activities/Projects
	<p>DRAMA1.</p> <p>The Dear Departed</p>		<p>WRITING SKILLS:</p> <p>Articles based on verbal cues, in maximum 150 words, thematically aligned to MCB topics.</p>	<p>use given content to interpret a situation, provide an example or solve a problem)</p>
AUGUST	The Dear Departed (Contd..)	UNIT - 4 Environment	Determiners	
SEPTEMBER	FIRST TERMINAL EXAMINATION			
OCTOBER	<p>PROSE:</p> <p>4. A Shady Plot</p> <p>5. Patol Babu</p> <p>POETRY:</p> <p>4. The Rime of Ancient Mariner</p>	UNIT 5 Travel and Tourism	<p>Integrated Grammar exercises:</p> <ul style="list-style-type: none"> <li>* Gap filling</li> <li>* Editing or Omission</li> </ul>	<p>Classroom interaction among peers, students and teachers through activities such as role play, group work etc.</p> <p>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.</p>
NOVEMBER	<p>PROSE:</p> <p>6. Virtually True</p> <p>POETRY:</p> <p>5. Snake</p> <p>DRAMA:</p> <p>2. Julius Caesar</p>	UNIT 6 National Integration	<p>Integrated Grammar exercises based on the topics of Grammar:</p> <ul style="list-style-type: none"> <li>* Sentences Reordering</li> <li>* Sentence Transformation</li> </ul>	<p>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.</p>

Month	Literature Reader	Main Course Book	Reading, Grammar & Advanced Writing Skills	Activities/Projects
DECEMBER	REVISION	REVISION	REVISION	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. विसर्गस्यउत्त्वम्, 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, निरु, 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, डीप् 5. समयः- अङ्कानां स्थाने शब्देषु समयलेखनम् (सामान्य, सपाद, सार्ध, पादोन ) 4
जुलाईमासः	षष्ठपाठः सप्तमपाठः	सुभाषितानि सौहार्दप्रकृतेः शोभा	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 अङ्काः ) 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 अङ्काः ) 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)
	अलंकार (केवल अर्थालंकार), अनुच्छेद लेखन (व्याकरण)
May	माता का अंचल (कृतिका भाग-2)
	वाच्य, पत्र-लेखन (व्याकरण)
June	आत्मकथ्य, बालगोबिन भगत (क्षितिज भाग-2)
July	उत्साह, अट नहीं रही, लखनवी अंदाज (क्षितिज भाग-2)
	पद-परिचय, वाक्य-भेद (रचना के आधार पर), संदेश-लेखन (व्याकरण)
August	साना-साना हाथ जोड़ी (कृतिका भाग-2)
	विज्ञापन लेखन, स्ववृत्त-लेखन, ईमेल-लेखन
September	<b>Revision and Term -I Exam</b>
For internal assessment	<ol style="list-style-type: none"> <li>1) कक्षा में सस्वर कविता वाचन (सूरदास के पद)</li> <li>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।</li> </ol>
<b>TERM - II</b>	
October	राम-लक्ष्मण-परशुराम संवाद, एक कहानी यह भी (क्षितिज भाग-2)
November	यह दंतुरित मुस्कान, फसल, संस्कृति, संगतकार (क्षितिज भाग-2)
December	मैं क्यों लिखता हूँ? (कृतिका भाग-2), नौबतखाने में इबादत (क्षितिज भाग-2) Revision For Pre-board Exam
For internal assessment	<ol style="list-style-type: none"> <li>1) हिन्दी भाषा और 'रोजगार' विषय पर आलेख लिखकर कक्षा में भाषण के रूप में प्रस्तुत करें।</li> <li>2) समूह बनाकर समसामयिक मुद्दों पर कक्षा में नाटक प्रस्तुतिकरण। (शिक्षक अपनी पसंद का कोई भी विषय दे सकते हैं)</li> </ol>

## BLUE PRINT

विषय वस्तु	उप भार	कुल भार (100)
<b>खंड 'क'</b> 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
<b>खंड 'ख'</b> 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
<b>खंड 'ग'</b> 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
<b>खंड 'घ'</b> 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
	<b>कुल</b>	<b>100</b>

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

TERM-2

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

प्रश्नपत्राणां प्रारूपम्

प्रश्नप्रकारः	प्रश्नानां सङ्ख्या	विभाग-सङ्ख्या	प्रतिप्रश्नम् अङ्कभारः	आहत्याङ्काः
अति-लघुत्तरात्मकाः ½ अङ्कः	2 +2+2 =6	3	½	3
अति-लघुत्तरात्मकाः 1 अङ्कः	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 $x^2$ positive or negative. b) Its number of zeroes.  Project 1. – Indian mathematicians and their contributions.
MAY JUNE	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 ( $x^2 + 4x = 60$ ) by completing the square geometrically.
JUNE		
JULY AUGUST	UNIT-2 ALGEBRA : Ch. – 5 ARITHMETIC PROGRESSIONS  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.	5. To identify Arithmetic Progressions in some given lists of numbers (patterns).  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 2024-25**

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	-	-	-	-	

SL. NO.	Unit/chapter	VSA(01)	VSA(02)	SA(03)	SA(04) CASE BASED QUESTIONS	LA(05)	TOTAL
3	7. COORDINATE GEOMETRY	01	01*	01	-	-	(06) (03 QUESTIONS)
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	<b>PHYSICS</b> 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.	1. Image formed by: Concave Convex reflecting surface Using Large spoon and a candle  2. Solving numerical through activities.
	<b>CHEMISTRY</b> 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
	<b>BIOLOGY</b> Life Processes Nutrition	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	<b>PHYSICS</b> 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.
	<b>CHEMISTRY</b> Chemical substances nature and behaviour Oxidation and reduction	6. Electrolysis of water 7. Displacement reaction double displacement reaction
	<b>BIOLOGY</b> LIFE PROCESSES RESPIRATION-Break-down of glucose by various pathways	Demonstrate the production of carbon dioxide. Eg-addition of yeast to fruit juice.

MONTH	TOPIC	ACTIVITY
JUNE	<b>PHYSICS</b> 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.
	<b>CHEMISTRY</b> Acids bases and salts Their definitions in terms of furnishing of H <sup>+</sup> and OH <sup>-</sup> ions, General properties , Examples and uses, Neutrilation 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
	<b>BIOLOGY</b> RESPIRATION-Plants, animals, and human beings	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	<b>PHYSICS</b> 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.	Concave mirror used as shaving mirror. Convex mirror used as rear - view mirror.
	<b>CHEMISTRY</b> ACIDS BASES AND SALTS Importance of PH in everyday life, Preparation and uses of sodium hydroxide, Bleaching powder, Baking soda, Washing soda and plaster of Paris	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.
	<b>BIOLOGY</b> LIFE PROCESSES TRANSPORTATION AND EXCRETION	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	<b>PHYSICS</b> The Human Eye and the Colourful World 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)	Refraction of light through a prism Dispersion of sun light by a prism
	<b>CHEMISTRY</b> Acids bases and salts Washing soda and plaster of Paris Revision for the first term	-
	<b>BIOLOGY</b> CONTROL AND CO-ORDINATION	Observe sensitivity in touch me not plant. Demonstrate phototropism and geotropism in plants.
SEPTEMBER	<b>PHYSICS</b> TERM 1 Exam. Current Electricity Electric current, potential difference and electric current. Ohm's law	Verification of Ohm's law.
	<b>CHEMISTRY</b> Metals and non-metals Physical properties of metals and nonmetals	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
	<b>BIOLOGY</b> TERM 1 LIFE PROCESSES, CONTROL AND CO-ORDINATION	
OCTOBER	<b>PHYSICS</b> 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. 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.

MONTH	TOPIC	ACTIVITY
OCTOBER		Whether the potential difference across the ends of different resistors connected in a parallel combination are the same? Is the current flowing through them are the same?
	<b>CHEMISTRY</b> Metals and nonmetals Chemical properties of metals and nonmetals, Reactivity series, Formation and properties of ionic compounds, Basic metallurgical processes, Corrosion and its prevention Carbon compounds Covalent bonding in carbon compounds versatile nature of carbon, Homologous series	4. Activities to show properties of ionic compound 5. Rusting of iron
	<b>BIOLOGY</b> 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.
NOVEMBER	<b>PHYSICS</b> 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	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?

MONTH	TOPIC	ACTIVITY
	<b>CHEMISTRY</b> Carbon compounds Nomenclature (Halogens, Alcohol, ketone, aldehyde alkanes, alkenes,alkynes), Difference between saturated and unsaturated hydrocarbons, Chemical properties of carbon compounds(Combustion oxidation , addition and substitution) Ethanol and ethanoic acid( only properties and uses), Soaps and detergents	1. Burning of saturated and unsaturated carbon compounds 2. To show is esterification reaction 3. Reaction between sodium and ethanol 4. To compare the pH of dilute acetic acid and dilute hydrochloric acid 5. To show property of soap in oil and water
	<b>BIOLOGY</b> HEREDITY, OUR ENVIRONMENT	Study distribution of hereditary characters. Visit natural and artificial ecosystem
DECEMBER	PREBOARD	

**BLUE PRINT FOR TERM - 1 2024-25**

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 2024-25**

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	<b>POWER SHARING</b> 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
	<b>RISE OF NATIONALISM IN EUROPE</b> Introduction The French Revolution and the idea of the Nation	Picture analysis Find out the difference between the two maps of Europe	7
MAY	<b>RISE OF NATIONALISM IN EUROPE</b> 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	<b>FEDERALISM</b> What is federalism? What makes India a federal country? How is federalism practised? Decentralisation in India	Picture analysis	5
	<b>NATIONALISM IN INDIA</b> The first world war, Khilafat and non-cooperation Differing strands within the moment	Role-play	7(5+2)
JULY	<b>NATIONALISM IN INDIA</b> 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	5

MONTH	CHAPTER/TOPIC	ACTIVITY	MARKS
	<b>THE MAKING OF GLOBAL WORLD</b> The pre-modern world 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
	<b>AGE OF INDUSTRIALISATION</b>	TO BE ASSESSED IN INTERNAL ASSESSMENT	To be Assessed in internal Assessment
AUGUST	<b>POLITICAL PARTY</b> Why do we need political parties? How many parties should we have National political parties? State parties Challenges of political 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	5
SEPTEMBER	Revision First Term		
OCTOBER	<b>OUTCOME OF DEMOCRACY</b> 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	4
	<b>PRINT CULTURE AND THE MODERN WORLD</b> The First Printed Book Print Comes to Europe	Collage Making • Concept Map on Evolution of Printing Press	4
NOVEMBER	The Print Revolution and Its Attempt 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	

### BLUE PRINT

	Geography (20 Marks)
1. Sec A MCQ	1x3=3
2. Sec B Vey short answer	2x1=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
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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

SUBJECT CODE - 417

MONTH	TOPICS/ LEARNING OUTCOMES	SESSION/ ACTIVITY/ PRACTICA
MARCH - APRIL	<p><b>EMPLOYABILITY SKILLS</b> Unit 1 : Communication Skills - II</p> <p><b>SUBJECT SPECIFIC SKILLS</b> Unit 1 : Introduction to AI</p> <p>Understand the concept of human intelligence and its various components such as reasoning, problem-solving, and creativity</p> <p>Understand the concept of Artificial Intelligence (AI) and its domains Explore the use of AI in real Life.</p> <p>Learn about the ethical concerns involved in AI development, such as AI bias, data privacy and how they can be addressed.</p>	<p>Activity : Ethics Awareness Students play the role of major stake holders, and they have to decide what is ethical and what is not for agivenscenario.</p> <p>Session : What is Intelligence? Session: Decision Making. ● How do you make decisions? ● Make your choices! Session: what is Artificial Intelligence and what is not?</p> <p>Session : Introduction to AI and related terminologies. ● Introducing AI, ML &amp; DL. ● Introduction to AI Domains (Data Sciences, CV &amp; NLP)</p> <p>Session : Applications of AI – A look at Real-life AI implementations</p> <p>Session: AI Ethics ● Moral Machine Activity : a platform for gathering a human perspective on moral decisions made by machine intelligence, such as self-driving cars. <a href="http://moralmachine.mit.edu/">http://moralmachine.mit.edu/</a></p>
MAY - JUNE	<p><b>EMPLOYABILITY SKILLS</b> Unit 2 : Self-Management Skills-II</p> <p><b>SUBJECT SPECIFIC SKILLS</b> Unit 2 : AI Project Cycle</p> <p><b>Introduction</b> Understand the stages involved in the AI project cycle, such as problem scoping, data collection, data exploration, modeling, evaluation.</p> <p><b>Problem Scoping</b> Learn about the importance of project planning in AI development and how to define project goals and objectives.</p> <p><b>Data Acquisition</b> Develop an understanding of the importance of data collection in AI and how to choose the right data sources.</p>	<p>Session: Introduction to AI Project Cycle</p> <p>Session: Understanding Problem Scoping &amp; Sustainable Development Goals</p> <p>Session: Simplifying Data Acquisition</p> <p>Session: Visualising Data</p> <p>Session: Introduction to modelling</p> <ul style="list-style-type: none"> <li>● Introduction to Rule Based &amp; Learning Based AI Approaches</li> <li>● Neural Networks</li> </ul>

MONTH	TOPICS/ LEARNING OUTCOMES	SESSION/ ACTIVITY/ PRACTICA
MAY - JUNE	<p><b>Data Exploration</b> Know various data exploration techniques and its importance</p> <p><b>Modelling</b> Know about the different machine learning algorithms used to train AI models</p> <p><b>Evaluation</b> Know the importance of evaluation and various metrics available for evaluation</p>	<p>Session: Evaluating the idea!</p>
JULY	<p><b>(EMPLOYABILITY SKILLS)</b> Unit 3: ICT Skills - II</p> <p><b>SUBJECT SPECIFIC SKILLS</b> Unit 3: Advance Python</p>	<p>Session: Introduction to Python</p> <p>Session: Python Basics</p> <p>Practical: Flow of control and conditions Students go through lessons on conditional and iterative statements (if, for and while) Students will try some basic problem-solving exercises using conditional and iterative statements on Python Compiler.</p> <p>Practical: Python Lists Students go through lessons on Python Lists (Simple operations using list) Students will try some basic problem-solving exercises using lists on Python .</p>
AUGUST	<p><b>(SUBJECT SPECIFIC SKILLS)</b> Unit 4: Data Science (Practical)</p> <p><b>Introduction</b> Define the concept of Data Science and understand its applications in various fields.</p> <p><b>Getting Started</b> Understand the basic concepts of data acquisition, visualization, and exploration.</p>	<p>Session: Introduction to Data Science</p> <p>Session: Applications of Data Science</p> <p>Session: Revisiting AI Project Cycle, Data Collection, Data Access Activities: Game: Rock, Paper &amp; Scissors <a href="https://next.rockpaperscissors.ai/">https://next.rockpaperscissors.ai/</a></p> <p>Session: Python for Data Sciences</p> <ul style="list-style-type: none"> <li>• Numpy</li> <li>• Pandas</li> <li>• Matplotlib</li> </ul>

MONTH	TOPICS/ LEARNING OUTCOMES	SESSION/ ACTIVITY/ PRACTICA
	<p><b>Python Packages</b> Use Python libraries such as NumPy, Pandas, and Matplotlib for data analysis and visualization.</p> <p><b>Concepts of Data Sciences</b> Understand the basic concepts of statistics, such as mean, median, mode, and standard deviation, and apply them to analyze data using various Python packages.</p>	<p>Session: Statistical Learning &amp; Data Visualisation</p>
SEPTEMBER	Revision of First Terminal full syllabus.	
OCTOBER	<p><b>EMPLOYABILITY SKILLS</b> Unit 4: Entrepreneurial Skills-II</p> <p><b>SUBJECT SPECIFIC SKILLS</b> Unit 5: Computer Vision (Practical)</p> <p><b>Introduction</b> Define the concept of Computer Vision and understand its applications in various fields.</p> <p><b>Concepts of Computer Vision</b> Understand the basic concepts of image representation, feature extraction, object detection, and segmentation.</p>	<p>Session: Introduction to Computer Vision</p> <hr/> <p>Session: Applications of CV</p> <hr/> <p>Session: Understanding CV Concepts</p> <ul style="list-style-type: none"> <li>● Computer Vision Tasks</li> <li>● Basics of Images-Pixel, Resolution, Pixel value</li> <li>● Grayscale and RGB images</li> </ul> <hr/> <p>Activities:</p> <ul style="list-style-type: none"> <li>● Game- Emoji Scavenger Hunt <a href="https://emojiscavengerhunt.withgoogle.com/">https://emojiscavengerhunt.withgoogle.com/</a></li> <li>● RGB Calculator: <a href="https://www.w3schools.com/colors/colors_rgb.asp">https://www.w3schools.com/colors/colors_rgb.asp</a></li> <li>● Create your own pixel art: <a href="http://www.piskelapp.com">www.piskelapp.com</a></li> <li>● Create your own convolutions: <a href="http://setosa.io/ev/image-kernels/">http://setosa.io/ev/image-kernels/</a></li> </ul>
NOVEMBER	<p><b>EMPLOYABILITY SKILLS</b> Unit 5 : Green Skills-II</p> <p><b>SUBJECT SPECIFIC SKILLS</b> Unit 6: Natural Language Processing</p>	<p>Session: Introduction to Natural Language Processing</p> <p>Activity : Use of Google Translate for same spelling words</p> <hr/> <p>Session: NLP Applications</p> <hr/> <p>Session: Revisiting AI Project Cycle</p> <p>Activity: Introduction to Chatbots</p>

MONTH	TOPICS/ LEARNING OUTCOMES	SESSION/ ACTIVITY/ PRACTICA
NOVEMBER	<p><b>Introduction</b> Understand the concept of Natural Language Processing (NLP) and its importance in the field of Artificial Intelligence (AI).</p> <p><b>Chatbots</b> Explore the various applications of NLP in everyday life, such as chatbots, sentiment analysis, and automatic summarization</p> <p><b>Language Differences</b> Gain an understanding of the challenges involved in understanding human language by machine.</p> <p>Concepts of Natural Language Processing Learn about the Text Normalization technique used in NLP and popular NLP model - Bag-of-Words</p> <p><b>SUBJECT SPECIFIC SKILLS</b> Unit 7: Evaluation</p> <p><b>Introduction</b> Understand the role of evaluation in the development and implementation of AI systems.</p> <p><b>Model Evaluation Terminology</b> Learn various Model Evaluation Terminologies</p> <p><b>Confusion Matrix</b> Learn to make a confusion matrix for given Scenario</p> <p><b>Evaluation Methods</b> Learn about the different types of evaluation techniques in AI, such as Accuracy, Precision, Recall and F1 Score, and their significance.</p>	<p>Session: Human Language VS Computer Language</p> <p>Session: Data Processing</p> <ul style="list-style-type: none"> <li>● Text Normalisation</li> <li>● Bag of Words</li> </ul> <p>Hands-on: Text processing</p> <ul style="list-style-type: none"> <li>● Data Processing</li> <li>● Bag of Words</li> </ul> <p>Session: Introduction to Model Evaluation</p> <ul style="list-style-type: none"> <li>● What is Evaluation?</li> <li>● Different types of Evaluation techniques- Underfit, Perfect Fit, OverFit</li> </ul> <p>Session: Model Evaluation Terminologies</p> <ul style="list-style-type: none"> <li>● The Scenario - Prediction, Reality, True Positive, True Negative, False Positive, False Negative</li> <li>● Confusion Matrix</li> <li>● Activity- to make a confusion matrix based on data given for Containment Zone Prediction Model</li> </ul> <p>Session &amp; Activity: Confusion Matrix</p> <p>Session: Evaluation Methods</p> <ul style="list-style-type: none"> <li>● Accuracy</li> <li>● Precision</li> <li>● Recall</li> <li>● Which Metric is Important? - Precision or Recall</li> <li>● F1 Score</li> </ul> <p>Activity: Practice Evaluation</p>
DECEMBER	Revision for Pre Board	Revision test
JANUARY	Revision for Pre Board	Revision test



## ARTIFICIAL INTELLIGENCE

(Subject Code - 417)

Blue Print

Max. Time : 2 Hours

Max. Marks : 50

### PART A - EMPLOYABILITY SKILLS (10 MARKS)

Unit No.	Name of the Unit	Objective Type Questions 1 Mark Each	Short Answer Type Questions 2 Marks Each	Total Questions
1	Communication Skills - II	1	1	2
2	Self-Management Skills - II	2	1	3
3	ICT Skills - II	1	1	2
4	Entrepreneurial Skills - II	1	1	2
5	Green Skills - II	1	1	2
Total Question		6	5	11
No. of Questions to be Answered		Any 4	Any 3	07
Total Marks		1x4 = 4	2x3 = 6	10 Marks

### PART B - SUBJECT SPECIFIC SKILLS (40 MARKS)

Unit No.	Name of the Unit	Objective Type Questions 1 Mark Each	Short Answer Type Questions 2 Marks Each	Descriptive/ Long Ans. Type Questions 4 Marks Each	Total Questions
1	Introduction to AI	6	1	1	8
2	AI Project Cycle	6	2	1	9
6	Natural Language Processing	6	2	2	10
7	Evaluation	6	1	1	8
Total Question		24	6	5	35
No. of Questions to be Answered		20	Any 4	Any 3	27
Total Marks		1x20 = 20	2x4 = 8	4x3 = 12	40 Marks

**SUBJECT : ENGLISH LANGUAGE LITERATURE (184)**

Month	Topics to be Covered	Total Working Days
April	<b>First Flight-</b> Prose -(1) A Letter to God Nelson Mandela Poem-(1)Dust of snow,(2)Fire and Ice Footprints Without Feet- A Triumph of Surgery Grammar -Tenses & Modals Writing-Formal letter(Letter to Editor & Complaint letter)	24
May	First Flight - Prose-(1)Two stories about Flying Footprints Without Feet- (1) The Thief's Story Grammar - Determiners	10
June	First Flight- Prose-(1) From the Diary of Anne Frank Poetry -(1) Tiger in the Zoo Footprints Without Feet- (1) The Midnight visitor Writing - Formal letter - Inquiry	12
July	First Flight - Prose-(1) Glimpses of India I,II,III Poem -(1) How to Tell Wild Animals (2)The Ball Poem Footprints Without Feet- (1)A Question of Trust Grammar - Subject - verb Concord Writing -Analytical paragraph	24

Month	Topics to be Covered	Total Working Days
August	First Flight- Prose -(1)Mijbil the Otter Poem- (1) Amanda Footprints Without Feet- (1) Footprints Without Feet (2) The making of a scientist Grammar - Reported speech ( command, request, statement, question) Writing - Formal letter ( placing order)	23
September	Revision for Half yearly Examination	23
October	First Flight- Prose- (1)Madam Rides the Bus (2) The Sermon at Benaras Poetry (1) The Trees (2) Fog Footprints Without Feet- (1) The Necklace (2) Bholi Grammar - Gap filling, Editing, Omissions	19
November	First Flight- Drama- (1) The Proposal Poetry - (1) The Tale of Custard the Dragon (2) For Anne Gregory Footprints Without Feet- (1) The Book that Saved the Earth Grammar - Gap filling, Editing and omissions.	18
December	Revision and Pre-board I	24
January	Pre- board II	22

**SUBJECT - INFORMATION TECHNOLOGY (402)**

MONTH	THEORY	PRACTICAL
APRIL	<p><b>COMMUNICATION SKILLS - II</b></p> <p>Methods of communication, Communication cycle and importance of feedback, Meaning and importance of feedback, Descriptive feedback - written comments or conversations, Specific and non-specific feedback, Barriers to effective communication, – types and factors, Measures to overcome barriers in effective communication, Principles of effective communication, 7 Cs of effective communication, Writing skills to the following: Sentence, Phrase, Kinds of Sentences, Parts of Sentence, Parts of Speech, Articles, Construction of a Paragraph</p>	<p>Writing pros and cons of written, verbal and non- verbal, communication Listing do's and don'ts for avoiding, common body language mistakes, Constructing sentences for providing descriptive and specific feedback, Enlisting barriers to effective communication, Applying measures to overcome barriers in communication, Constructing sentences that convey all facts required by the receiver, Expressing in a manner that shows respect to the receiver of the message Exercises and games on applying 7Cs of effective communication, Demonstration and practice of writing sentences and paragraphs on topics related to the subject</p>
May	<p><b>SELF MANAGEMENT SKILLS - II</b></p> <p>Meaning and importance of stress management, Stress management techniques – physical exercise, yoga, meditation, Enjoying, going to vacations and holidays with family and friends, Taking nature walks, Importance of the ability to work independently, Describe the types of self- awareness, Describe the meaning of self- motivation and self-regulation</p>	<p>Exercises on stress management techniques – yoga, meditation, physical exercises, Preparing a write-up on an essay on experiences during a holiday trip, Demonstration on working independently, Goals, Planning of an activity, Executing tasks in a specific , period, with no help or directives, Demonstration on the qualities required for working independently</p>
June	<p><b>BASIC ICT SKILLS - II</b></p> <p>Classes of operating systems, Menu, icons and task bar on the desktop, File concept, file operations, file organization, directory structures, and file-system structures, Creating and managing files and folders, Importance and need of care and maintenance of computer</p>	<p>Identification of task bar, icons, menu, etc., Demonstration and practicing of creating, renaming and deleting files and folders, saving files in folders and sub- folders, restoring files and folders from recycle bin, Demonstration of the procedures to be followed for cleaning, care and maintenance of hardware and software</p>
July	<p><b>NTREPRENEURIAL SKILLS - II</b></p> <p>Entrepreneurship and society, Qualities and functions of an entrepreneur, Role and importance of an entrepreneur, Myth about entrepreneurship, Entrepreneurship as a career option</p>	<p>Writing a note on entrepreneurship as Career option, Collecting success stories of first generation and local entrepreneurs, Listing the entrepreneurial qualities – analysis of strength and weaknesses, Group discussion of self-qualities that students feel are needed to become successful entrepreneur, Collect information and related data for a business, Make a plan in team for setting up a business,</p>

MONTH	THEORY	PRACTICAL
	<p><b>EGREEN SKILLS - II</b></p> <p>Definition of sustainable development, Importance of sustainable development, Problems related to sustainable development</p> <p><b>DIGITAL DOCUMENTATION (ADVANCED)</b></p> <p>Styles/ categories in Writer, Styles and Formatting window, Using Fill Format, Creating and updating new style from selection, Load style from template or another document, Creating a new style using drag- and-drop, Applying styles.</p>	<p>Identify the problem related to sustainable development in the community Group discussion on the importance of respecting and conserving indigenous knowledge and cultural heritage Discussion on the responsibilities and benefits of environmental citizenship, including the conservation and protection of environmental values Preparing models on rain water harvesting, drip / sprinkler irrigation, vermin-compost, solar energy, solar cooker, etc. List style categories in Writer.</p> <p>Select the style from the Styles and Formatting window, Use Fill Format to apply a style to many different areas quickly, Create and update a new style from a selection, Load a style from a template or another document, Create a new style using drag-and drop,</p>
August	<p><b>DIGITAL DOCUMENTATION (ADVANCED)</b></p> <p>Options to insert image to document from various sources, Options to modify, resize, crop and delete an image, Creating drawing objects, setting or changing its properties. Resizing and grouping drawing objects, Positioning image in the text, Templates in Writer, Using predefined templates. Creating a template, Set up a custom template,</p> <p>Using a template, Changing to a different template, Updating a Document, Table of contents, Hierarchy of headings.</p> <p>Customization of table of contents, Character styles. Maintaining a table of contents.</p>	<p>Insert an image to document from various sources, Modify, resize, crop and delete an image, Create drawing objects, Set or change the properties of a drawing object, Resize and group drawing objects Position the image in the text, Create a template, Use predefined templates,</p> <p>Set up a custom default template, Update a document, Change to a different template, Use the Template, Update the document, Create a table of contents, Define a hierarchy of headings, Customize a table of contents, Apply character styles, Maintain a table of contents,</p>
September	Revision & MID Term Exam	
October	<p><b>ELECTRONIC SPREADSHEET (ADVANCED)</b></p> <p>Using consolidating data. Creating subtotals, Using "what if" scenarios. Using "what if" tools, Using goal seek and solver, Setting up multiple sheets, Creating reference to other sheets by using keyboard and mouse, Creating reference to another document by using keyboard and mouse, Relative and absolute hyperlinks, Hyperlinks to the sheet, Linking to external data. Linking to registered data sources, Setting up a spreadsheet for sharing. Opening and</p>	<p>Use consolidating data, Create subtotals, Use "what if" scenarios Use "what if" tools,</p> <p>Use goal seek and solver, Setup multiple sheets by inserting new sheets, Create reference to other sheets by using keyboard and mouse, Create references to other documents by using keyboard and mouse, Create, Edit and Remove hyperlinks to the sheet, Link to external data, Link to registered data source, Set up a spreadsheet for sharing, Open and save a shared spreadsheet, Record changes, Add, Edit and Format the comments, Review</p>

MONTH	THEORY	PRACTICAL
	<p>saving a shared spreadsheet. Recording changes.</p> <p>Add, Edit and Format the comments. Reviewing changes – view, accept or reject changes. Merging and comparing. Using the macro recorder. Creating a simple macro.</p> <p>Using a macro as a function. Passing arguments to a macro. Passing the arguments as values. Macros to work like built-in functions. Accessing cells directly. Sorting the columns using macro.</p>	<p>changes – view, accept or reject changes, Merge and compare sheets, Demonstrate the use of a macro recorder,</p> <p>Create a simple macro, Use a macro, Pass arguments to a macro, Pass the arguments as values, Write the macros that act like built – in functions, Access cells directly, Sort the columns using macro.</p>
November	<p><b>DATABASE MANAGEMENT SYSTEM</b></p> <p>Concept and examples of data and information, Concept of database, Advantages of database, Features of database, Concept and examples of Relational database, Concept and examples of field, record, table, database, Concept and examples of Primary key, composite primary key, foreign key, Database management system (DBMS) software, Relational Data base management system (RDBMS) software, Introduction to LibreOffice Base Database objects – tables, queries, forms, and reports of the database, Terms in database – table, field, record, Steps to create a table using table wizard Data types in database.,</p> <p>Option to set primary key Table Data View dialog box, Inserting data in the table, Editing records in the table, Deleting records from the</p> <p>table, Sorting data in the table, Referential integrity, Creating and editing relationships –</p> <p>one to one, one to many, many to many Field properties, Database query,</p> <p>Defining query, Query creation using wizard, Creation of query using design view, Editing a query, Applying criteria in query – single field, multiple fields, using wildcard, Performing calculations, Grouping of data, Structured Query Language (SQL), Forms in BASE. Creating form using wizard, Steps to create form using Form Wizard, Options to enter or remove data from forms Modifying form, Changing label, background,</p>	<p>Identify the data and information, Identify the field, record, table in the database, Prepare the sample table with some standard fields. Assign the primary key to the field, Identify the primary key, composite primary key, foreign key, Start the Libre Office Base and observe the parts of main window, Identify the data base objects</p> <p>Create the sample table in any category using wizard, Practice to create different tables from the available list and choosing fields from the available fields. Assign data types of fields, Setprimary key, Edit the table in design view, Enter the data in the fields, Demonstrate to:</p> <p>Insert data in the table, Edit records in the table, Delete records from table, Sort data in the table, Create and edit relationships one to one, one to many, many to many, Enter various field properties, Prepare a query for given criteria, Demonstrate to create query using wizard, and using design view, Edit a query,</p> <p>Demonstrate to apply various criteria in query –</p> <p>single field, multiple fields, using wild card, Performing calculations using query in Base, Demonstrate to group data, Use basic SQL commands, Illustrate the various steps to create Form using Form Wizard, Enter or remove data from Forms, Demonstrate to modify Forms, Demonstrate to change label, background, Search record using Form, Insert and delete record using Form View, Illustrate the various steps to create Report using Report Wizard, Demonstrate various examples of Report.</p>

MONTH	THEORY	PRACTICAL
	Searching record using Form, Inserting and deleting record using Form, Concept of Report in Base, Creating Report using wizard, Steps to create a Report using Wizard.	
December	<p><b>MANAGING HEALTH AND SAFETY</b></p> <p>Basic safety rules to follow at workplace – Fire safety, Falls and slips, Electrical safety, Use of first aid. Case Studies of hazardous situations. Accidents and emergency, Types of Accidents, Handling Accidents</p> <p>Types of Emergencies. Hazards and sources of hazards, General evacuation procedures, Healthy living.</p>	<p>Practice to follow basic safety rules at workplace to prevent accidents and protect workers – Fire safety, Falls and slips, Electrical safety, Use of first aid. Illustrate to handle accidents at workplace, Demonstrate to follow evacuation plan and procedure in case of an emergency. Identify hazards and sources of hazards, identify the problems at workplace that could cause accidents,</p> <p>Practice the general evacuation procedures in case of an emergency.</p>
January	REVISION CUM PRE- BOARD EXAMINATION	
February	REVISION CUM AISSE - 2025	
March		

## SUBJECT : SANSKRIT COMMUTATION (119)

Month	Topics to be Covered	Total Working Days
April	प्रथमः पाठः - “ वाङ्.मयः तपः” - व्याकरण भागः -स्वर सन्धिः ( वृद्धि , यण, अयादि) समासः - (तत्पुरुषः विभक्तिः) प्रत्ययः-( मतुप, ठक्)	24
May	द्वितीयः पाठः- “ नास्ति त्यागसमं सुखम् ” व्याकरण भागः- स्वर सन्धिः ( पूर्व रूपम् ) , परसवर्णः (अनुस्वारस्थानं पञ्चमवर्णस्य प्रयोगः) संवादपूर्तिः / कथापूर्तिः, प्रत्ययः ( त्व, तल), पत्र लेखनम् (औपचारिकम् अनीपचारिकम्)	10
June	तृतीयः पाठः- “ रमणीया हि सृष्टिः एषा ” व्याकरण भागः- प्रत्ययः, स्त्री प्रत्ययः- ( टाप, डीप्) सन्धिः - तुगागमः, वर्गीय प्रथम वर्णस्य तृतीय वर्णे परिवर्तन् पाठाधारितः - कथापूर्तिः	12
July	चतुर्थः पाठः- “आज्ञा गुरुणां हि अवि चारणीया ” समासः - नञ, उपपद व्याकरण भागः - वाच्यपरिवर्तनम् (केवलं लट् लकारे) (कर्तृ-कर्म-क्रिया) समयः (सामान्यः, सपाद, सार्ध, पादोन), चित्रवर्णनम् अशद्धि संशोधनम् (वचन लिङ्गपुरुष लकार - दृष्टया)	24
August	पञ्चमः पाठः - “अभ्यास वशगं मनः” सैपल पेपर, पत्र लेखनम्, चित्रलेखनम्, अनुच्छेद लेखनम् सम्पूर्णपाठानाम् पुनरावृत्तिः, सम्पूर्ण व्याकरण भागानाम् पुनरावृत्ति, अव्यय (इव, उच्चैः, एव, नूनम्, इतस्ततः, विना, सहसा, वृथा, शनैः, इति , मा, यत, सम्प्रति इदानीम्, अधुना)	23
September	परीक्षायाः कृतेपुनरावृत्ति ः	23
October	षष्ठः पाठः- “ राष्ट्र संरक्ष्यमेव हि ”सप्तमः पाठः “साधुवृत्तिं समाचरेत” व्याकरण भागः- सन्धिः (विसर्ग सन्धिः विसर्गस्य उत्त्वं, रत्वम्, विसर्गलोपः, विसर्गस्य स्थाने स्, श, ष) पत्र लेखनम् (औपचारिकम् अनीपचारिकम्)	19
November	अष्टमः पाठः- तिरुक्कुरल- सक्तू - सौरभम्” नवमः पाठः-” सुस्वागतं भो । अरुणाचलेऽस्मिन्” व्याकरण भागः - समासः अव्ययीभावः (अनु, उप, सह, नि र, प्रति , यथा), द्वन्द्वः समासः) संवादपूर्तिः / कथापूर्तिः, अव्ययः( यावत्ः बहिः, च, अपि , पुरा, अत्र-तत्र, यथा-तथा, कदा, श्वः, ह्यः, कि मर्थम्, कुत्र)	18
December	दशमः पाठः- “ कालोऽहम्” (केवलं आन्तरिक मूल्याङ्कनाय) एकादशः पाठः- किं कि उपादेयम् “(केवलं आन्तरिक मूल्याङ्कनाय) सैम्पल पेपर अभ्यास व पाठ पुनरावृत्ति व अभ्यास सम्पूर्ण व्याकरणस्य पुनरावृत्ति व अभ्यासः, पाठाधारित कथापूर्तिः चित्रवर्णनम्	24
January	Pre Board Sample Question Papers, Model Questions Papers practice	22