SUBJECT : ENGLISH LANGUAGE & LITERATURE

SUBJECT CODE : 184

Month	Book Name : Beehive	Book Name : Moments	Reading/Grammar/Writing Section
April	1. The Fun They Had(Prose) The Road Not Taken (Poem)	1. The Lost Child (Prose)	Determiners Descriptive Paragraph(person/event/situation)
May	2.The Sound of Music(Prose) Wind (Poem)	2. The Adventures of Toto(Prose)	Modals Reading Comprehension(Discursive passage)
June	3.The little Girl(Prose) Rain on the Roof (Poem)	3. Iswaran the Story Teller(Prose)	Tenses Diary Entry
July	4. A Truly beautiful mind(Prose) The Lake Isle of Innisfree (Poem)	4. In the Kingdom of Fools (Prose)	Subject verb concord Story writing (on a given cue/title)
August	5.The Snake and the Mirror (Prose)	5. The Happy Prince(Prose)	Reported speech (command/request/statement/questions) Reading Comprehension (Case based factual passage)
September	Half-Yearly Exam		
October	A Legend of the Northland (Poem) 6. My Childhood(Prose)	6.The Last Leaf(Prose)	Integrated Grammar practice
November	No men are Foreign (Poem) 7. Reach for the Top	7. A House is Not Home(Prose)	Revision of Writing skills : (Descriptive Paragraph/Diary entry/story writing)
December	On killing a Tree (Poem) 8. Kathmandu(Prose	8.The Beggar (Prose)	Revision of Reading skills
January	A Slumber Did My Spirit Seal(Poem) 9. If I were you (Play)	Revision	Revision of Integrated Grammar
February	Annual Exam		

Class IX 2025-2026 SECTION WISE WEIGHTAGE: ENGLISH LANGUAGE AND LITERATURE (Code-184)

Section		Total no. of questions	Marks per question	Total marks 80
A	Reading Skills	02	10+10	20
B	Writing Skills and Grammar	1+1 1	5 +5 10	20
C	Literature	06	Reference to context-5+5 Short answer type-12+6 Long answer type-6+6	40
	TOTAL	11		80

SUBJECT : HINDI (002)

अर्द्धवार्षिक परीक्षा

माह	पाठ (गद्य एवं काव्य खंड)	व्याकरण एवं लेखन
अप्रैल	क्षितिज भाग -1 -दो बैलों की कथा (प्रेमचंद) ,साखियाँ एवं सबद (कबीर) कृतिका -भाग -1 -इस जल प्रलय में	अलंकार (शब्दालंकार -अनुप्रास ,यमक ,श्लेष) पत्र लेखन (औपचारिक अनौपचारिक)
मई	क्षितिज भाग -1- ल्हासा की ओर (राहुल सांकृत्यायन),वाख (ललद्यद)	शब्द निर्माण(उपसर्ग एवं प्रत्यय) ईमेल लेखन
जून	क्षितिज भाग -1 - उपभोक्तावाद की संस्कृति (श्यामाचरण दुबे)	समास ,सूचना लेखन अनुच्छेद लेखन
जुलाई	क्षितिज भाग -1 -सवैये (रसखान) कृतिका भाग -1 मेरे संग की औरतें	वाक्यभेद (अर्थके आधार पर) संवाद लेखन
अगस्त	क्षितिज भाग -1 -कैदी और कोकिला (माखनलाल चतुर्वेदी)	लघुकथा लेखन
सितम्बर	पुनरावृत्ति एवं संकलनात्मक मूल्यांकन परीक्षा	
आंतरिक मूल्यांकन	सस्वर वाचन (पाठ्य पुस्तक से कोई दोहा अथवा कविता) परियोजना कार्य -अपनी पाठ्य पुस्तक में से कोई पाँच कवियों का सचित्र जीवन परिचय ,कार्य क्षेत्र तथा उनकी प्रमुख रचनाओं का उल्लेख करते हुए कम से कम प्रत्येक की एक सुंदर अक्षरों में लिखकर आकर्षक परियोजना तैयार करें |	

वार्षिक परीक्षा

अक्टूबर	क्षितिज भाग-1- साँवले सपनों की याद (जाबिर हुसैन)	पत्र (औपचारिक एवं अनौपचारिक)
नवंबर	क्षितिज भाग-1 ग्राम श्री (सुमित्रानंदन पंत) कृतिका भाग-1-रीढ़ की हड्डी	ईमेल लेखन, संवाद लेखन
दिसंबर	क्षितिज भाग-1 प्रेमचंद के फटे जूते (हरिशंकर परसाई),मेघ आए (सर्वेश्वर दयाल सक्सेना)	अनुच्छेद लेखन, अर्थ के आधार पर वाक्य-भेद
जनवरी	क्षितिज भाग -1-मेरे बचपन के दिन(महादेवी वर्मा) बच्चे काम पर जा रहे हैं (राजेश जोशी)	अलंकार- अनुप्रास, यमक, श्लेष
फरवरी	पुनरावृत्ति + वार्षिक परीक्षा	As per CBSE (All syllabus)
आंतरिक मूल्यांकन	1. हिन्दी भाषा और रोजगार विषय पर आलेख लिखकर कक्षा में भाषण के रूप में प्रस्तुत करें | 2. समूह बनाकर सम सामयिक मुद्दों पर कक्षा में नाटक प्रस्तुतिकरण (शिक्षक अपनी पसंद का भी विषय दे सकते हैं)	

अपठित गद्यांश	7(1x3=3)+(2+2=4)	
अपठित पद्यांश	7 (1x3 =3) + (2+2=4)	14
	खंड -ख	
वाक्य भेद	1x4=4	
समास	1x4=4	
अलंकार	1x4=4	
उपसर्ग -और प्रत्यय	1x4 =4	16
	खंड -ग	
पठित गदयांश पर आधारित बहुविकल्पीय प्रश्न	1x5 =5	
क्षितिज के गद्य पाठों पर आधारित तीन प्रश्न विकल्प सहित 25 से 30 शब्द सीमा वाले 4 में से 3 प्रश्न करने होंगे	2x3 =6	
पठित काव्यांश पर आधारित बहुविकल्पीय प्रश्न क्षितिज के कविताओं पर आधारित तीन प्रश्न (विकल्प सहित 25 से 30 शब्द सीमा वाले 4 में से 3 प्रश्न करने होंगे)।	1x5 =5 2x 3=6	
कृतिका भाग -1 से निर्धारित पाठों के आधार पर दो प्रश्न (विकल्प	2x4=8	30

सहित 50 से 60 शब्द सीमा वाले 4 में 3 प्रश्न करने होंगे)		

खंड घ

अनुच्छेद लेखन	6	
पत्र लेखन (अनौपचारिक अथवा औपचारिक)	5	
ईमेल लेखन अथवा लघु कथा लेखन	5	
सूचना लेखन अथवा संवाद लेखन	4	20
आंतरिक मूल्यांकन		
सामयिक आकलन	5	
बहुविध आकलन	5	
पोर्टफोलियो	5	
श्रवण एव वाचन	5	20
कुल अंक		100

प्रथम इकाई परीक्षा -दो बैलों की कथा,साखियाँ एव सबद, इस जल प्रलय में,उपसर्ग -प्रत्यय,समास

द्वितीय इकाई परीक्षा - ल्हासा की ओर, उपभोक्तावाद की संस्कृति,वाख,मेरे संग की औरतें,अलंकार (अनुप्रास,यमक,श्लेष) , संवाद लेखन,पत्र लेखन

तृतीय इकाई परीक्षा - साँवले सपनों की याद, ग्राम श्री,मेघ आए सूचना लेखन,अर्थ के आधार पर वाक्य भेद,रीढ़ की हड्डी

चतुर्थ इकाई परीक्षा - प्रेमचंद के फटे जूते, बच्चे काम पर जा रहे हैं,ईमेल लेखन,लघुकथा लेखन ,उपसर्ग -प्रत्यय, समास

SANSKRIT SYLLABUS (119) 2025- 26

TERM – 1

मासाः	पाठाः	विषयाः	व्याकरण पाठाः

अप्रैलमासः	प्रथमः पाठः	अविवेकः परमापदां पदम्	**उच्चारण-स्थानानि** **सन्धिकार्यम्** - **स्वर सन्धि-** (दीर्घ , गुण , वृद्धि , यण् , अयादि) **व्यञ्जन सन्धि**- वर्गीयप्रथमाक्षराणां तृतीयवर्णे परिवर्तनम् ,म्' स्थाने अनुस्वारः **विसर्ग-सन्धि** – उत्वम् ,शत्वम् , षत्वम् , सत्वम्
मईमासः	द्वितीयः पाठः	पाथेयम्	**कारक – उपपदविभक्तयः** द्वितीया – समया/ निकषा , प्रति ,विना, परितः,उभयतः । तृतीया – सह/समम्/सार्धम् , विना , अलम् ,हीनः चतुर्थी – रुच् , दा (यच्छ्) ,नमः ,कुप् , अलम् (सामर्थ्ये) पञ्चमी – विना , बहिः ,भी , रक्ष् षष्ठी – उपरि ,अधः , पुरतः , पृष्ठतः , वामतः , दक्षिणतः , । सप्तमी – स्निह् , विश्वस् , निपुण , कुशल ।
जूनमासः	तृतीयःपाठः चतुर्थः पाठः	विजयतां स्वदेशः विद्यया भान्ति सद्गुणाः	**शब्दरूपाणि** अकारान्तः- बालकवत् , इकारान्तः - कविवत् उकारान्तः - साधुवत् ,हलन्तः - भवत् आकारान्तः - लतावत् ,ईकारान्तः- नदीवत् नपुंसकलिङ्गशब्दाः - फलवत् सर्वनामशब्दाः- अस्मद् , युष्मद् , तत् ,किम्(त्रिषु लिङ्गेषु) । **प्रत्ययः-** क्त्वा , तुमुन् , ल्यप् , शतृ । **अपठित गद्यांशः , रचनात्मककार्यम्- पत्रपूर्तिः**
जूलाईमासः	पञ्चमः पाठः	कर्मणा याति संसिद्धिम्	**रचनात्मककार्यम्-** **संवादपूर्तिः/कथापूर्तिः , चित्रवर्णनम्** **धातुरूपाणि** - परस्मैपदिनः - भू , गम , नम् , अस् , प्रच्छ् , कृ ज्ञा , क्षाल , नी। आत्मनेपदिनः- सेव् , लभ् , रुच् (लट्-लृटलकारयोः **अव्ययानि** – कालबोधकानि

			यदा,तदा,सर्वदा,एकदा,पुरा,अधुना,अद्य,श्वः,ह्यः। प्रश्नबोधकानि – किम् ,कुत्र, कति, कदा, कुतः, कथम्, किमर्थम् । **सङ्ख्या** - 1-100 (1-4 केवलं प्रथमा विभक्तौ)
अगस्तमासः	पुनरावृत्तिः		

TERM – 2 (FULL SYLLABUS)

सितम्बरमासः	षष्ठपाठः	तत् त्वम् असि	
अक्तूबरमासः	सप्तमपाठ:	तरवे नमोऽस्तु	
नवम्बरमासः	अष्टमपाठः	न धर्मवृद्धेषु वयः समीक्ष्यते	
दिसम्बरमासः	नवमपाठः	कवयामि वयामि यामि	
जनवरीमासः	पुनरावृत्तिः		

प्रश्नपत्र -प्रारूपम्
सस्कृतम् (कोड संख्या – 119)

प्रश्नप्रकाराः	प्रश्नानां संख्या	विभाग संख्या	प्रतिप्रश्नम् अङ्क -भारः	आहत्याङ्काः
बहुविकल्पात्मकाः प्रश्नाः 1 अङ्कः	3+4+4+4+3+4=22	6	1	22
अति-लघूत्तरात्मकाः ½ अङ्कः	2+2+2=6	3	½	3
अति-लघूत्तरात्मकाः 1 अङ्कः	2=2	1	1	2
निबन्धात्मकाः ½ अङ्कः (रिक्तस्थानपूर्तिमाध्यमेन)	10+10+4+8=32	4	½	16
दीर्घोत्तरात्मकाः 1 अङ्कः	5+2+2+2+5=16	5	1	16
दीर्घोत्तरात्मकाः 2 अङ्कौ	2=2	1	2	4
लघूत्तरात्मकाः ½ अङ्कः	4+4+4=12	3	½	6
लघूत्तरात्मकाः 1 अङ्कः	2+2+2+1+4=11	5	1	11
			आहत्याङ्काः	**80**

अवधेयम् –

अनुप्रयुक्तव्याकरणस्य अंशानां चयनं यथासम्भवं 'मणिका प्रथमो भागःइति' पाठ्यपुस्तकात् करणीयम् । यदि ततः न सम्भवति तर्हि 'मणिका-अभ्यासपुस्तकम्' इत्यस्मात् कर्तुं शक्यम् ।

SUBJECT - MATHEMATICS

MONTH	TOPIC	ACTIVITY / PROJECT
APRIL	CHAPTER -1 - Number Systems CHAPTER 2 – Polynomials	1) (i) Construction of square root of given numbers (3,4,5,6,7) (Spiral Method) (ii)To represent some irrational numbers on the number line 2) Verify the algebraic identity $(x+y+z)^2=x^2+y^2+z^2+2xy+2yz+2zx$ 3) To find the values of abscissa and ordinate of various points of any picture given in a Cartesian plane. 4) To verify experimentally that if two lines intersect each other, then (i) the vertically opposite angles are equal (ii) the sum of two adjacent angles is 180° (iii) the sum of all the four angles is 360° 5) To verify experimentally the different criteria for congruency of triangles using triangle cut outs. PROJECT:- Indian Mathematicians and their contributions
	UT-1: Revision of chapter 1 and chapter 2	
MAY	CHAPTER 3 – Coordinate Geometry CHAPTER 4 – Linear Equation to Two Variables	
JUNE	CHAPTER 5 – Introduction to Euclid's Geometry	
	UT-2: Revision of chapter 3, chapter 4 and chapter 5	
JULY	CHAPTER 6 – Lines and Angles CHAPTER 7 - Triangles	
AUGUST	CHAPTER 10 – Heron's Formula	
	First Term : Revision	
SEPTEMBER	CHAPTER 8 – Quadrilaterals CHAPTER 9 – Circles (Continue)	6) Sum of angles of the Quadrilaterals is 360° 7) Sum of angles of the Quadrilaterals is 360° 8) Mind Map of Quadrilaterals
OCTOBER	**UT3: CHAPTER 8 - Quadrilaterals**	9) To verify that the angles in the same segment of a circle are equal 10) To verify that the opposite angles of a cyclic quadrilateral are supplementary 11) To obtain the formula for the surface area of a sphere
NOVEMBER	CHAPTER 9 – Circles	
DECEMBER	CHAPTER 11 – Surface Areas and Volumes	
JANUARY 2026	**CUT-4: CHAPTER 9 - Circles**	
	CHAPTER 12 - Statistic **Revision for Second Term.**	12) To draw histograms for classes of equal widths and varying widths.
FEBRUARY 2026	**Revision and Second Term**	

BLUEPRINT (First Term)

Chapter	Section - A MCQ Type (1 Mark)	Section - A AR Type (1 Mark)	Section - B SA Type (2 Marks)	Section - C LA I Type (3 Marks)	Section - D LA - II Type (5 Marks)	Section - E Case - Study (4 Marks)	Total Marks (No. of Qs)
Number Systems	2	1	1*	2*	1		16 (7 Qs)
Polynomials	2		1	2*	1		15 (6 Qs)
Coordinate Geometry	2*			1			5 (3 Qs)
Linear Equations in Two Variables	3*		1		1		10 (5 Qs)
Introduction to Euclid's Geometry	3						3 (3 Qs)
Lines and Angles	2		1			1**	8 (4 Qs)
Triangles	2		1*	1		1**	11 (5 Qs)
Heron's Formula	2	1			1	1**	12 (5 Qs)
Total Marks (No. of Questions)	18 (18)	2 (2)	10 (5)	18 (6)	20 (4)	12 (3)	80 (38)
* These are Questions with the Internal Choice							
** Internal Choices given for a 2 Marks question (sub part) in all the Case Study questions)							
Selection of chapters for AR Type and Case Study can be varied in the question Paper (Adjusting and Keeping the total Marks same for each chapter as mentioned above)							

Unit	Unit Name	Marks
I	NUMBER SYSTEMS	10
II	ALGEBRA	20
III	COORDINATE GEOMETRY	04
IV	GEOMETRY	27
V	MENSURATION	13
VI	STATISTICS	06
	Total	80

Latest Course Structure for Annual Examination Time : 3 Hrs, Total Marks : 80

SCIENCE 2025-26

COURSE STRUCTURE (ANNUAL EXAMINATION)

UnitNo.	Unit	Marks
I	Matter–Its Nature and Behavior	25
II	Organization in the Living World	22
III	Motion, Force and Work	27
IV	Food; Food Production	06
	Total	80
	Internal Assessment	20
	Grand Total	100

MONTH	TOPIC	ACTIVITY
APRIL	Motion	Recognising uniform and non-uniform motion with the given data.
	Matter in our surroundings	Diffusion of Potassium permanganate crystals in water.
	The fundamental unit of life	Preparation of Stained mount of Onion Peel and to record observations and their labelled diagrams.
MAY	Motion	Study of distance time and velocity time graphs for different types of motion.
	Matter in our surroundings	Project on intermolecular arrangement of particles in different states.
	The fundamental unit of life	Sublimation of Camphor or iodine.
		Preparation of Stained mount of Human Cheek cell and to record observations and their labelled diagrams.
JUNE	Force and Laws of motion	Study of different types of inertia through daily life examples.
	Matter in our surroundings	Prepare a model to demonstrate movement of particles in solid, liquid and gases.
	Tissues- Plant Tissues	Role play of various cell organelles –structure and functions.

MONTH	TOPIC	ACTIVITY
JULY	Force and Laws of motion Is Matter around us pure Tissues- Animal Tissues Epithelial Tissue Connective Tissue Muscular Tissue	Verification of newton's third law with the help of spring balances. A true solution of common salt, sugar and alum. A suspension of soil chalk powder and fine sand in water. Identification of Parenchyma, Collenchyma, Sclerenchyma tissues in Plants from prepared slides. Draw their labelled diagrams.
AUGUST	Gravitation Is Matter around us pure Tissues- Animal Tissues Nervous Tissue Chemistry – List of experiment (according to CBSE) Experiment – 1, 2, 3 & 6 to be done before 1st term. Revision First Terminal Examination	Determination of the density of the solid (denser than water) by using the spring balance and a measuring cylinder. A colloidal solution of starch in water and egg albumin/milk in water and distinguish between these on the basis of transparency, filtration criterion, stability. Identification of Striated muscles, smooth muscles and cardiac muscles fibres and nerve cells in animals from prepared slides. Draw their labelled diagrams.
SEPTEMBER	First Terminal Examination (Continued) Thrust and pressure Atoms and Molecules- Introduction Improvement in food resources - Need, Aspect and Application.	Pressure exerted on clay by a heavy book when placed along three different areas. Verification of law of conservation of mass in a Chemical reaction. Food Security in India - a detailed study Creating a herbarium of common crops like cereals, pulses, and oilseeds, documenting their seasons of planting and harvesting
OCTOBER	Gravitation- Floatation Atoms and Molecules Improvement in food resources - Plants	Establishing the relation between the loss in weight of a solid when fully immersed in a) Tap water b) Strongly salty water with the weight of water displaced by it by taking at least two different solids Preparation of mixture and compound, iron filings and sulphur powder. A power point presentation on different Cropping Patterns – a detailed study.

MONTH	TOPIC	ACTIVITY
NOVEMBER	Work and Energy Atoms and Molecules Improvement in food resources - Plants	Dropping a heavy ball on a thick bed of sand to study the work done. Make placards with symbol and valencies. Comparison of tradional Farming Techniques and Modern Farming techniques.
DECEMBER	Work and Energy, Sound Structure of the atom Improvement in food resources – Animal Husbandry	Determination of the speed of the pulse propagated through a stretched string/slinky (helical spring). Reaction of iron with copper sulphate solution, burning of magnesium ribbon in air. A ppt. on Aquatic Pollution and its impact on Fisheries.
JANUARY	Sound Structure of the atom Improvement in food resources – Animal Husbandry	Verification of laws of reflection of sound. Experiment no. 11 to be done
FEBUARY	Revision Annual Exam	As per CBSE

BLUE PRINT OF QUESTION PAPER

Section	Type of Question	No. of Questions (Marks)			Total Marks
		Physics	Chemistry	Biology	
A	MCQ (1 Mark)	4 x 1 = 4	5 x 1 = 5	7 x 1 = 7	16
	Assertion/ Reason (1 Mark)	1 x 1 = 1	1 x 1 = 1	2 x 1 = 2	4
B	Short answer type (2 Marks)	2 x 2 = 4	2 x 2 = 4	2 x 2 = 4	12
C	Short answer type (3 Marks)	3 x 3 = 9	2 x 3 = 6	2 x 3 = 6	21
D	Long answer type (5 Marks)	1 x 5 = 5	1 x 5 = 5	1 x 5 = 5	15
E	Source based/ case based (4 Marks)	1 x 4 = 4	1 x 4 = 4	1 x 4 = 4	12
	Total Marks	27	25	28	80

SUBJECT:SOCIAL SCIENCE

MONTH	CHAPTERS	ACTIVITY
APRIL AND MAY	FRENCH REVOLUTION (UNIT -1,2,3) WHAT IS DEMOCRACY? WHY DEMOCRACY? THE STORY OF VILLAGE PALAMPUR **(TO BE ASSESSSED AS A PART OF PERIODIC ASSESSMENT ONLY)** INDIA-SIZE AND LOCATION	MAP- GEO-INDIA:SIZE AND LOCATION- India - States with Capitals ● Tropic of Cancer, Standard Meridian (Location and Labelling) ● Neighbouring countries
JUNE	FRENCH REVOLUTION (UNIT -4,5,6) CONSTITUTONAL DESIGN (UNIT 2.1,2.2) PEOPLE AS RESOURCE (PAGE 16 TO 21) PHYSICAL FEATURES OF INDIA(CONTINUED)	FRENCH REVOLUTION - Outline political map of France Locate/label/identify; • Bordeaux, Nantes, Paris and Marseille
JULY	SOCIALISM AND RUSSIAN REVOLUTION(UNIT-1,2) COSTITUTIONAL DESIGN(UNIT-2.3,2.4) PEOPLE AS RESOURCE (PAGE 22 TO 26) PHYSICAL FEATURS OF INDIA(COMPLETED)	INDIA PHYSICAL FEATURES- ● Mountain Ranges: The Karakoram, The Zasker, The Shivalik, The Aravali, The Vindhya, The Satpura, Western & Eastern Ghats ● Mountain Peaks – K2, Kanchan Junga, Anai Mudi ● Plateau - Deccan Plateau, Chota Nagpur Plateau, Malwa Plateau ● Coastal Plains - Konkan, Malabar, Coromandel & Northern Circar (Location and Labelling)
AUGUST	SOCIALISM AND RUSSIAN REVOLUTION(UNIT-3,4) ELECTORAL POLITICS POVERTY AS ACHALLENGE DRAINAGE SYSTEM	MAP- SOCIALISM IN EUROPE - Outline political map of world locate/label/identify major countries of World War: central powers - Germany, Austria-Hungary, Turkey (Ottoman Empire) Allied Powers- France,England,Russia,USA. DRAINAGE SYSTEM- **Rivers: (Identification only)** ● The Himalayan River Systems-The Indus, The Ganges, and The Sutlej ● The Peninsular Rivers-The Narmada, The Tapi, The Kaveri, The Krishna, The Godavari, The

		Mahanadi ● Lakes: Wular, Pulicat, Sambhar, Chilika
SEPTEMBER	REVISION AND HALFYEARLY	
OCTOBER	PASTORALISTS IN THE MODERN WORLD (ASSESSED AS PART OF PERIODIC ASSESSMENT ONLY ELECTORAL POLITICS FOOD SECURITY IN INDIA (CONTINUED) CLIMATE	MAP- GEO-Annual rainfall in India, Monsoon wind direction
NOVEMBER	NAZISM AND THE RISE OF HITLER (UNIT-1,2) WORKING OF THE IINSTITUTIONS FOOD SECURITY IN INDIA (COMPLETED) POPULATION	MAP- HIS-Outline Political Map of World. Locate/label/ identify Major countries of Second World War Axis: Powers – Germany, Italy, Japan Allied Powers – UK, France, Former USSR, USA GEO-Population density of all states ● The state having highest and lowest density of population
DECEMBER	NAZISM AND THE RISE OF HITLER(UNIT-3,4) DEMOCRATIC RIGHTS ECO- REVISION NATURAL VEGETATION AND WILDLIFE (ONLY MAP POINTING TO BE EVALUATED IN THE ANNUAL EXAMINATION.	**Forest, Society and Colonialism Interdisciplinary project** as part of multiple assessments (Internally assessed for 5 marks)
JANUARY	REVISION	
FEBRUARY	ANNUAL EXAMINATION	

BLUE PRINT OF SOICIAL SCIENCE (HALF-YEARLY AND ANNUAL)

Section	No. of questions
Section A: MCQs (1 mark)	20
Section B: SA-I (2 marks)	4
Section C: SA-II (3 marks)	5
Section D: LA (5 marks)	4
Section E: CB (4 marks)	3
Section F: Map (5 marks)	1
Grand total	**37 questions**

CBSE|DEPARTMENT OF SKILL EDUCATION
ARTIFICIAL INTELLIGENCE (SUBJECT CODE 417)

CLASS - IX {SESSION 2025-2026)

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

	UNITS	NO. OF HOURS for Theory and Practical		MAX. MARKS for Theory and Practical
	Employability Skills			2
	Unit 1: Communication Skills-I	10		2
	Unit 2: Self-Management Skills-I	10		2
	Unit 3: ICT Skills-I	10		2
	Unit 4: Entrepreneurial Skills-I	15		2
	Unit 5: Green Skills-I	05		2
	Total	**50**		**10**
	Subject Specific Skills			
		Theory	**Practical**	
	Unit 1: Al Reflection, Project Cycle and Ethics	30	25	10
	Unit 2: Data Literacy	22	28	10
	Unit 3: Math for Al (Statistics & Probability)	12	13	07
	Unit 4: Introduction to Generative Al	08	12	05
	Unit 5: Introduction to Python	01	09	08
	Total	**160**		**40**
	Practical Work			
PARTC	Unit 5: Introduction to Python **Practical File (minimum 15 programs}**			**15**
	Practical Examination • Simple programs using input and output function • Variables, Arithmetic Operators, Expressions, Data Types • Flow of control and conditions • Lists **Any 3 programs based on the above topics**			15
	Viva Voce			5
	Total			35
PARTD	**Project Work/ Field Visit/ Student Portfolio *relate it to Sustainable Development Goals**			15
	Total			15
	GRAND TOTAL	**210**		**100**

DETAILED CURRICULUM/TOPICS FOR CLASS IX:

PART-A : EMPLOYABILITY SKILLS

Month	Units	Duration in Hours
April	Unit 1: Communication Skills-I	10
May	Unit 2: Self-management Skills-I	10
June	Unit 3: Information and Communication Technology Skills-I	10
Oct	Unit 4: Entrepreneurial Skills-I	15
Nov	Unit 5: Green Skills-I	05
	TOTAL	**50**

NOTE: Detailed curriculum/ topics to be covered under Part A: Employability Skills can be downloaded from CBSE website.

PART-B - SUBJECT SPECIFIC SKILLS

- ❖ Unit 1: Al Reflection, Project Cycle and Ethics
- ❖ Unit 2: Data Literacy
- ❖ Unit 3: Math tor Al (Statistics & Probability)
- ❖ Unit 4: Introduction to Generative Al
- ❖ Unit 5: Introduction to Python

UNIT 1: Al REFLECTION, PROJECT CYCLE AND ETHICS

MONTH	SUB-UNIT	LEARNING OUTCOMES	SESSION /ACTIVITY/ PRACTICAL
April -May	Al Reflection	To identify and appreciate Artificial Intelligence and describe its applications in daily life.	Session : Introduction to Al and setting up the context of the curriculum • Recommended Activity : Make a statement about lighting and LUIS will interpret and adjust the house accordingly htti;2s://aidemos. microsoft. com/I u is/ demo
		To recognize, engage and relate with the three realms of Al:, Computer Vision, Data Statistics and Natural Language Processing.	Recommended Activity: The Al Game • Learners to participate in three games based on different Al domains. - Game 1 : Rock, Paper and Scissors (based on data) htti;2s://next. rocki;2ai;2erscissors.ai/ - Game 2: Semantris (based on Natural Language Processing - NLP) htti;2s://research.google.com/semantris/ - Game 3: Quick Draw (based on Computer Vision - CV) htti;2s://guickdraw.withgoogle.com/

MONTH	SUB-UNIT	LEARNING OUTCOMES	SESSION /ACTIVITY/ PRACTICAL
June	AI Project Cycle	Identify the AI Project Cycle framework.	Session: Introduction to AI Project Cycle • Problem Scoping • Data Acquisition • Data Exploration • Modeling • Evaluation • Deployment
		Learn problem scoping and ways to set goals for an AI project.	Session: Problem Scoping Activity : Brainstorm around the theme provided and set a goal for the AI project. • Discuss various topics within the given theme and select one. • Fill in the 4Ws problem canvas and a problem statement to learn more about the problem identified in the community/ society • List down/ Draw a mind map of problems related to the selected topic and choose one problem to be the goal for the project.
		Identify stakeholders involved in the problem scoped. Brainstorm on the ethical issues involved around the problem selected.	• Activity: To set actions around the goal. • List down the stakeholders involved in the problem. • Search on the current actions taken to solve this problem. • Think around the ethics involved in the goal of your project.
		Understand the iterative nature of problem scoping for in the AI project cycle. Foresee the kind of data required and the kind of analysis to be done.	Activity: Data and Analysis • What are the data features needed? • How will the features collected affect the problem? • Where can you get the data? • How frequent do you have to collect the data? • What happens if you don't have enough data? • What kind of analysis needs to be done? • How will it be validated? • How does the analysis inform the action?
		Share what the students have discussed so far.	Presentation: Presenting the goal, actions and data. Teamwork Activity: • Brainstorming solutions for the problem statement.

MONTH	SUB-UNIT	LEARNING OUTCOMES	SESSION /ACTIVITY/ PRACTICAL
		Identify data requirements and find reliable sources to obtain relevant data.	Session : Data Acquisition Activity : Introduction to data and its types. • Students work around the scenarios given to them and think of ways to acquire data. Activity: Data Features • Identifying the possible data features affecting the problem. Activity: System Maps • Creating system maps considering data features identified.
		To understand the purpose of Data Visualisation	Session: Data Exploration/ Data Visualisation • Need of visualising data • Ways to visualise data using various types of graphical tools. Quiz Time
July		Use various types of graphs to visualise acquired data.	Recommended Activities: Let's use Graphical Tools • Selecting an appropriate graphical format and presenting the graph sketched. • Understanding graphs using httQs:/ /datavizcatalogue. com/ • Listing of newly learnt data visualization techniques. • Top 1 O Song Prediction: Identify the data features, collect the data and convert into graphical representation. • Collect and store data in a spreadsheet and create some graphical representations to understand the data effectively.
		Understand modeling (Rule-based & Learning-based)	Session: Modeling • Introduction to modeling and types of models (Rule-based & Learning-based)
		Understand various evaluation techniques.	Session: Evaluation Learners will understand about new terms • True Positive • False Positive • True Negative • False Negative
		Challenge students to think about how they can apply their knowledge of deployment in future Al projects and encourage them to continue exploring different deployment methods.	Session: Deployment Recommended Case Study: Preventable Blindness. Activity: Implementation of Al project cycle to develop an Al Model for Personalized Education.

MONTH	SUB-UNIT	LEARNING OUTCOMES	SESSION /ACTIVITY/ PRACTICAL
		To understand and reflect on the ethical issues around Al.	Session: Ethics Video Session: Discussing about Al Ethics Recommended Activity: Ethics Awareness • Students play the role of major stakeholders, and they have to decide what is ethical and what is not for a given scenario. • Students to explore Moral Machine (httQs://www.moralmachine.net/) to understand more about the impact of ethical concerns
		To gain awareness around Al bias and Al access.	Session: Al Bias and Al Access • Discussing about the possible bias in data collection • Discussing about the implications of Al technology
		To let the students analyse the advantages and disadvantages of Artificial Intelligence.	Recommended Activity: Balloon Debate • Students divide in teams of 3 and 2 teams are given same theme. One team goes in affirmation to Al for their section while the other one goes against it. • They have to come up with their points as to why Al is beneficial/ harmful for the society.
UNIT 2: DATA LITERACY:			
August - September	Basics of data literacy	• Define data literacy and recognize its importance Understand how data literacy enables informed decision- making and critical thinking • Apply the Data Literacy Process Framework to analyze and interpret data effectively • Differentiate between Data Privacy and Security • Identify potential risks associated with data breaches and unauthorized access. • Learn measures to protect data privacy and enhance data security	Session: Basics of data literacy • Introduction to Data Literacy • Impact of data Literacy • How to become Data Literate? • What are data security and privacy?How are they related to Al? • Best Practices for Cyber Security Recommended Activity: Impact of News Articles Reference Videos: • https://www.youtube.com/watch?v =yhO t-c3yJY • https://www.youtube.com/watch?v =aO858HyFbKI • https://www.cbse.qov.in/cbsenew/ documents/Cyber%20Safety.pdf

MONTH	SUB-UNIT	LEARNING OUTCOMES	SESSION /ACTIVITY/ PRACTICAL
	Acquiring Data, Processing, and Interpreting Data	• Determine the best methods to acquire data. • Classify different types of data and enlist different methodologies to acquire it. • Define and describe data interpretation. • Enlist and explain the different methods of data interpretation. • Recognize the types of data interpretation. • Realize the importance of data interpretation	Session: Acquiring Data, Processing, and Interpreting Data • Types of data • Data Acquisition/Acquiring Data • Best Practices for Acquiring Data • Features of data and Data Preprocessing • Data Processing and Data Interpretation • Types of Data Interpretation • Importance of Data Interpretation Recommended Activities: • Trend analysis • Visualize and Interpret Data
	Project Interactive Data Dashboard & Presentation	• Recognize the importance of data visualization • Discover different methods of data visualization	Session: Project Interactive Data Dashboard & Presentation • Data visualization Using Tableau Reference Links • httQs://Qublic.tableau.com/en-us/s/download • httQs://www.datawraQQer.de/ Video Links: • httQS ://www.youtube.com/watch ?v=N L CwPRCc7U • httQs ://www.youtube.com/watch ?v= M 8BnosAD78
UNIT 3: MATH FOR Al (Statistics & Probability)			
October	**Importance of Math for Al**	Analyzing the data in the form of numbers/images and find the relation/ pattern between the them. Use of Math in Al.	Session: Importance of Math for Al • Finding Patterns in Numbers and images • Uses of Math - ❍ Statistics ❍ Linear Algebra ❍ Probability ❍ Calculus
		Number Patterns Picture Analogy	Activity: • Observe the number pattern and find the missing number. • To find connections between sets of images and use that to solve problems,
	Statistics	Understand the concept of Statistics in real life.	Session : • Definition of Statistics • Applications ❍ Disaster Management ❍ Sports ❍ Diseases Prediction ❍ Weather Forecast

MONTH	SUB-UNIT	LEARNING OUTCOMES	SESSION /ACTIVITY/ PRACTICAL
		Application in various real life scenarios	Activity: Uses of Statistics in daily life • Students will explore the applications of statistics in real life. They collect data and can apply various statistical measures to analyze the data. Activity : Car Spotting and Tabulating Purpose :To implement the concept of data collection, analysis and interpretation. Activity Introduction: • In this activity, Students will be engaged in data collection and tabulation. • Data collection plays a key role in Artificial Intelligence as it forms the basis of statistics and interpretation by AI. • This activity will also require students to answer a set of questions based on the recorded data.
	Probability	Understand the concept of Probability in real life and explore various types of events.	Session: Introduction to Probability • How to calculate the probability of an event • Types of events • understand the concept of Probability using a relatable example. Exercise: Identify the type of event.
		Application in various real life scenarios	Session : Applications of Probability • Sports • Weather Forecast • Traffic Estimation Exercise: Revision time

UNIT 4: INTRODUCTION TO GENERATIVE AI:

MONTH	LEARNING OUTCOMES	SESSION / ACTIVITY / PRACTICAL
November	Students will be able to define Generative AI & classify different kinds.	Recommended Activity: • Activity: Guess the Real Image vs. the AI-generated image
	• Students will be able to explain how Generative AI works and recognize how it learns.	Session : • Introduction to Generative AI • Generative AI vs Conventional AI Session: • Types of Generative AI • Examples of Generative AI

MONTH	LEARNING OUTCOMES	SESSION / ACTIVITY / PRACTICAL
	• Applying Generative AI tools to create content. • Understanding the ethical considerations of using Generative AI.	Session: • Benefits of using Generative AI • Limitations of using Generative AI • Recommended Activities: • Hands-on Activity: GAN Paint • Generative AI tools Session: • Ethical considerations of using Generative AI

UNIT 5: INTRODUCTION TO PYTHON:

MONTH	LEARNING OUTCOMES	SESSION / ACTIVITY / PRACTICAL
September	Learn basic programming skills through gamified platforms.	Recommended Activity: • Introduction to programming using Online Gaming portals like Code Combat.
	Acquire introductory Python programming skills in a very user-friendly format.	Session: • Introduction to Python language • Introducing python programming and its applications Theory + Practical: Python Basics • Students go through lessons on Python Basics (Variables, Arithmetic Operators, Expressions, Comparison Operators, logical operators, Assignment Operators, Data Types - integer, float, strings, type conversion, using print() and input() functions) • Students will try some simple problem-solving exercises on Python Compiler.
December	Practical: Flow of control and conditions	1. Students go through lessons on conditional and iterative statements (if, for and while) 2. Students will try some basic problem-solving exercises using conditional and iterative statements on Python Compiler. Practical: Python Lists 3. Students go through lessons on Python Lists (Simple operations using list) 4. Students will try some basic problem-solving exercises using lists on Python Compiler.
January		REVISION