

Date Sheet Mid Term Exam (VI-XII)

Date & Day	VI	VII	VIII	IX	X	XI	XII
21.08.24 (Wednesday)	Regular Classes					Home Science	-
23.08.24 (Friday)	Science	Social Science	Mathematics	Social Science	English	Maths/ Applied Maths	Physics/ Accountancy/ Sociology
27.08.24 (Tuesday)	Mathematics	Science	Social Science	Mathematics	Science	Chemistry /B.Studies	Chemistry/ B.Studies /Pol.
29.08.24 (Thursday)	Hindi	English	Hindi	English	Punjabi	English	English
31.08.24 (Saturday)	-	-	-	-	Social Science	Physical Education	Maths/ Applied Maths
02.09.24 (Monday)	Social Science	Mathematics	Science	Hindi	IT/AI	Physics/ Accountancy/ Political Science	Economics / Biology
04.09.24 (Wednesday)	English	Hindi	English	Science	Mathematics	Economics / Biology/ Sociology	Physical Education/ IP
06.09.24 (Friday)	IT/AI	IT/AI	Punjabi	Punjabi	Hindi	Psychology	Home Science
09.09.24 (Monday)	Punjabi	Punjabi	IT/AI	IT/AI	-	IP	Applied Arts
10.09.24 (Tuesday)	-					Applied Arts	Psychology

CLASS: IX

SUBJECT: ENGLISH

TEXTBOOKS:

1. Beehive
2. Moments

HALF YEARLY EXAMINATION (23 AUGUST 2024 to 9 SEPTEMBER 2024)

MONTHS	UNIT/ CHAPTER / TOPIC	SUBTOPICS	WEIGHTAGE
APRIL 2024 to AUGUST 2024	Reading Comprehension	1. Discursive passage (400-450 words) 2. Case based Factual passage (with visual input/statistical data/ chart etc. 200-250 words)	20 Marks
	Grammar Words and Expressions – I (Workbook for class IX) --- Units 1 to 5 Writing Skills	1. Tenses 2. Modals 3. Subject – verb concord 4. Determiners 5. Reported speech <ul style="list-style-type: none">• Commands and requests• Statements• Questions Accurate use of spelling, punctuation and grammar will be assessed through Gap Filling/ Editing/ Transformation exercises based on these Grammar items. 1. Descriptive Paragraph (word limit 100-120 words) on a person/event/situation based on visual or verbal cue/s.	20 Marks

		2. Diary Entry/ Story Writing on a given title/cue in 100-120 words.	
	Literature (Beehive) Supplementary Reader: Moments	PROSE 1. The Fun They Had 2. The Sound of Music 3. The Little Girl 4. A Truly Beautiful Mind 5. The Snake and the Mirror POETRY 6. The Road Not Taken 7. Wind 8. Rain on the Roof 9. The Lake Isle of Innisfree 1. The Lost Child 2. The Adventures of Toto 3. Iswaran the Storyteller 4. In the Kingdom of Fools	40 Marks
TOTAL MARKS			80

TEXTBOOKS:

1. स्पर्श भाग-1 (NCERT)
2. संचयन भाग-1 (NCERT)
3. व्याकरण परिचय-(Full Marks Publication)

HALF YEARLY EXAMINATION (23 AUGUST 2024 to 9 SEPTEMBER 2024)

MONTHS	UNIT/ CHAPTER / TOPIC	SUB TOPICS	LEARNING OUTCOMES	WEIGHTA (MARKS)
APRIL 2024 to AUGUST 2024	अपठित गद्यांश	1-तर्कपूर्ण गद्यांश 2-भाव-बोध संबंधित गद्यांश	1-छात्रों की बौद्धिक गहराई की जाँच करना। 2- इससे हमारे अभिव्यक्ति कौशल में वृद्धि होती है। 3-आधिक योग्यता में वृद्धि होती है।	14 Marks
	व्यावहारिक व्याकरण	1-शब्द और पद 2-अनुस्वार- अनुनासिक 3-उपसर्ग –प्रत्यय	1-भाषा की नियमबद्ध प्रकृति को समझना और उसका विश्लेषण करना 2-व्याकरण के नियमों को समझना 3-भाषा की शुद्धता और सुंदरता को बनाए रखना 4- छात्रों की ध्वनियों, ध्वनियों के सूक्ष्म अंतर और उच्चारण के नियमों का ज्ञान कराना	16 Marks
	लेखन	1-अनुच्छेद लेखन 2-अनौपचारिक पत्र लेखन 3-चित्र वर्णन 4-संवाद लेखन	1-भाषा को प्रभावी ढंग से इस्तेमाल करने में मदद करना 2-व्याकरण के अंतर्निहित नियमों का ज्ञान प्रदान करना 3- विद्यार्थियों में विश्लेषण चिंतन और तर्क क्षमता का विकास करना 4-भाषा के व्याकरण संगत रूप को सुरक्षित रखना	20 Marks
	पाठ्यपुस्तक स्पर्श काव्य खंड	1-रैदास के पद 2-रहीम के दोहे	1-वर्तमान की कृतियों के बीच आलोचनात्मक संबंध बनाना	11 Marks

			<p>2-भारतीय चिंतन परंपरा की समझ विकसित करना</p> <p>3- भारतीय संत परम्परा से अवगत होना</p>	
	<p>पाठ्यपुस्तक स्पर्श गद्य खंड</p>	<p>1-दुःख का अधिकार</p> <p>2-एवरेस्ट मेरी शिखर यात्रा</p> <p>3-तुम कब जाओगे, अतिथि</p> <p>4-वैज्ञानिक चेतना के वाहक चंद्रशेखर वेंकट रामन्</p>	<p>1-भाषा के प्रति रुचि जगाना</p> <p>2-शुद्ध वाचन की योग्यता प्रदान करना</p> <p>3-ताकिक शक्ति का विकास करना</p> <p>4-भाषा की बारीकियाँ समझाना</p> <p>5-लेखक के भाव, विचारों को समझकर उसके गुण दोषों का विवेचन करना</p> <p>6-आदर्शों को स्वीकार कर अपनी कल्पनाशक्ति और रचनात्मकशक्ति का विकास करना</p>	11 Marks
	<p>पूरक पाठ्यपुस्तक संचयन</p>	<p>1-गिल्लू</p> <p>2-स्मृति</p>	<p>1-सभी प्राणियों के प्रति दया का भाव और जीने का अधिकार अतीत की घटनाओं को याद -</p> <p>2-रखना और वर्तमान के बारे में समझ बनाना</p> <p>3-जानकारी को बनाए रखना और याद रखना</p> <p>4-सीखना और नया ज्ञान हासिल करना</p>	08 Marks
TOTAL MARKS				80 Marks

CLASS: IX SUBJECT: MATHEMATICS

TEXTBOOKS:

1. Mathematics - Textbook for class IX - NCERT Publication
2. Mathematics exemplar problems for class IX, NCERT publication

HALF YEARLY EXAMINATION (23 AUGUST 2024 to 9 SEPTEMBER 2024)

MONTHS	UNIT/ CHAPTER / TOPIC	SUBTOPICS	WEIGHTAGE
APRIL 2024 to AUGUST 2024	NUMBER SYSTEMS	<p>REAL NUMBERS</p> <p>1. Review of representation of natural numbers, integers, and rational numbers on the number line. Rational numbers as recurring/terminating decimals. Operations on real numbers.</p> <p>2. Examples of non-recurring/non-terminating decimals. Existence of non-rational numbers (irrational numbers) such as $\sqrt{2}$, $\sqrt{3}$, and their representation on the number line. Explaining that every real number is represented by a unique point on the number line and conversely, viz. every point on the number line represents a unique real number.</p> <p>3. Definition of nth root of a real number.</p> <p>4. Rationalization (with precise meaning) of real numbers of the type $\frac{a}{\sqrt{b}}$ and $\frac{a}{\sqrt{b} + \sqrt{c}}$ (and their combinations) where x and y are natural number and a and b are integers.</p> <p>5. Recall of laws of exponents with integral powers. Rational exponents with positive real bases (to be done by particular cases, allowing learner to arrive at the general laws.)</p>	16
	ALGEBRA	<p>LINEAR EQUATIONS IN TWO VARIABLES</p> <p>Recall of linear equations in one variable. Introduction to the equation in two variables.</p> <p>Focus on linear equations of the type $ax + by + c = 0$. Explain that a linear equation in two variables has infinitely many solutions and justify their being written as</p>	10

	ordered pairs of real numbers, plotting them and showing that they lie on a line.	
COORDINATE GEOMETRY	COORDINATE GEOMETRY The Cartesian plane, coordinates of a point, names and terms associated with the coordinate plane, notations.	08
GEOMETRY	<p>INTRODUCTION TO EUCLID'S GEOMETRY History - Geometry in India and Euclid's geometry. Euclid's method of formalizing observed phenomenon into rigorous Mathematics with definitions, common/obvious notions, axioms/postulates and theorems. The five postulates of Euclid. Showing the relationship between axiom and theorem, for example: (Axiom) 1. Given two distinct points, there exists one and only one line through them. (Theorem) 2. (Prove) Two distinct lines cannot have more than one point in common.</p> <p>LINES AND ANGLES 1. (Motivate) If a ray stands on a line, then the sum of the two adjacent angles so formed is 180 degree and the converse. 2. (Prove) If two lines intersect, vertically opposite angles are equal. 3. (Motivate) Lines which are parallel to a given line are parallel.</p> <p>TRIANGLES 1. (Motivate) Two triangles are congruent if any two sides and the included angle of one triangle is equal to any two sides and the included angle of the other triangle (SAS Congruence). 2. (Prove) Two triangles are congruent if any two angles and the included side of one triangle is equal to any two angles and the included side of the other triangle (ASA Congruence). 3. (Motivate) Two triangles are congruent if the three sides of one triangle are equal to three sides of the other triangle (SSS Congruence). 4. (Motivate) Two right triangles are congruent if the hypotenuse and a side of one triangle are equal (respectively) to the hypotenuse and a side of the other triangle. (RHS Congruence)</p>	26

		5. (Prove) The angles opposite to equal sides of a triangle are equal. 6. (Motivate) The sides opposite to equal angles of a triangle are equal.	
	MENSURATION	AREAS Area of a triangle using Heron's formula (without proof)	08
	STATISTICS	STATISTICS Bar graphs, histograms (with varying base lengths), and frequency polygons.	12
TOTAL MARKS			80

CLASS - IX SUBJECT:SCIENCE

TEXTBOOKS:

1. Science - Textbook for class-IX, NCERT Publications
2. Science Exemplar Problems class-IX, NCERT Publications

HALF YEARLY EXAMINATION (23 AUGUST 2024 to 9 SEPTEMBER 2024)

MONTHS	UNIT/ CHAPTER / TOPIC	SUBTOPICS	WEIGHTAGE
APRIL 2024 to AUGUST 2024	Ch-1 The matter in our surroundings	1.1 Physical Nature of Matter 1.2 Characteristics of Particles of Matter 1.3 States of Matter 1.4 Can Matter Change its State? 1.5 Evaporation	12
	Ch- 2 Is matter around us pure?	2.1 What is a Mixture? 2.2 What is a Solution? 2.3 Physical and Chemical Changes 2.4 What are the Types of Pure Substances?	13
	Ch-5 The Fundamental unit of life	5.1 What are Living Organisms made Up of? 5.2 What is a Cell Made Up of? What is the Structural organisation of a Cell? 5.2.1 Plasma Membrane or Cell membrane 5.2.2 Cell Wall 5.2.3 Nucleus 5.2.4 Cytoplasm 5.2.5 Cell organelles, Cell division	17
	Ch-6 Tissues	6.1 Are Plants and Animals made of Same Types of Tissues? 6.2 Plant Tissues 6.2.1 Meristematic Tissue 6.2.2 Permanent Tissue 6.2.2 (i)Simple Permanent Tissue 6.2.2 (ii)Complex Permanent Tissues	11
	Ch-7 Motion	7.1 Describing Motion 7.2 Measuring the Rate of Motion 7.3 Rate of Change of Velocity 7.4 Graphical Representation of Motion 7.5 Equations of Motion 7.6 Uniform Circular Motion	11

	Ch-8 Force and Laws of motion	8.1 Balanced and Unbalanced Forces 8.2 First Law of Motion 8.3 Inertia and Mass 8.4 Second Law of Motion 8.5 Third Law of Motion	11
	Ch-9 Gravitation	9.1 Gravitation 9.2 Free Fall 9.3 Mass 9.4 Weight	5
TOTAL MARKS			80

CLASS: IX

SUBJECT: SOCIAL SCIENCE

TEXT BOOKS: (As per the latest editions of NCERT Textbooks)

1. HISTORY (INDIA AND THE CONTEMPORARY WORLD- I)
2. POLITICAL SCIENCE (DEMOCRATIC POLITICS-I)
3. GEOGRAPHY (CONTEMPORARY INDIA-I)
4. ECONOMICS

HALF YEARLY EXAMINATION

(23 AUGUST 2024 TO 9 SEPTEMBER 2024)

MONTHS	UNIT/CHAPTER/ TOPIC	SUB TOPICS	LEARNING OUTCOMES	WEIGHTAGE
APRIL 2024 TO AUGUST 2024	<u>HISTORY: THE FRENCH REVOLUTION</u>	<ul style="list-style-type: none"> • French Society During the Late Eighteenth Century: The struggle to survive, How a Subsistence Crisis Happens, A Growing Middle Class Envisages an End to Privileges • The Outbreak of the Revolution: France Becomes a Constitutional Monarchy, Reading political symbols • France Abolishes and Becomes a Republic: The Reign of Terror, A Directory Rules France • Did Women Have a Revolution? • The Abolition of Slavery • The Revolution and Everyday Life <p>MAP WORK</p> <p>Outline political map of France. Locate/label/identify. Bordeaux, Nantes, Paris and Marseilles</p>	<p>The students will be able to:</p> <ul style="list-style-type: none"> • Infer how the French Revolution had an impact on the European countries in the making of nation states in Europe and elsewhere. • Illustrate that, the quest for imperialism triggered the First World War. • Will Monarchy examine various sources to address imbalances that may lead to revolutions. 	25 %

<p><u>POLITICAL SCIENCE:</u> WHAT IS DEMOCRACY? WHY DEMOCRACY?</p>	<ul style="list-style-type: none"> • What is Democracy ? Why define democracy ? A simple definition. • Features of Democracy: Major decisions by elected leaders, Free and fair electoral competition, One person, One person, One person, one vote, one value, Rule of law and respect for rights • Summary Definition • Why democracy? Debating merits of democracy, Arguments against democracy, Arguments for democracy • Broader Meanings of Democracy 	<p>The students will:</p> <ul style="list-style-type: none"> • Examine the concept structural components of Democracy and its forms/ features. • Compare and Contrast working of democracies of India and North Korea and infer on their differences and significance in each country. • Analyze and infer on the different historical processes and forces that have contributed for the promotion of democracy 	<p>25 %</p>
<p><u>POLITICAL SCIENCE:</u> CONSTITUTIONAL DESIGN</p>	<ul style="list-style-type: none"> • Democratic Constitution in South Africa: Struggle against Apartheid, towards a new Constitution. • Why Do We Need a Constitution? • Making of the Indian Constitution: The path to Constitution, The Constituent Assembly • Guiding Values of the Indian Constitution: The Dream and the Promise, Philosophy of the Constitution, Institutional Design. 	<ul style="list-style-type: none"> • Group discussion and describe the situation that led to creation of Indian Constitution • Enumerate the essential features that need to be kept in mind while drafting any Constitution. Examine the guiding values that created the Indian constitution. • Comprehend the roles and responsibilities as citizens of India. 	
<p><u>GEOGRAPHY:</u> INDIA-SIZE AND LOCATION</p>	<ul style="list-style-type: none"> • Location and Size of India • India and the world • India's neighbor. <p>MAP WORK: India – States and Capitals Tropic of Cancer, Standard Meridian (Location and</p>	<p>The students will be able to:</p> <ul style="list-style-type: none"> • Justify the reasons for the differences in climatic conditions, local and standard time. 	<p>25%</p>

		Labeling) Neighboring Countries	<ul style="list-style-type: none"> To Infer how the conditions and relationships of the people living in states that are sharing border with the neighboring countries impact trade and culture. Justify the selection of 82.5E* longitude as Time meridian of India. (IST) Critically analyze the role of opening of Suez Canal in improvement of foreign trade. Propose alternative solution for the problems that arise due to the size & location. 	
	<u>GEOGRAPHY:</u> PHYSICAL FEATURES OF INDIA	<ul style="list-style-type: none"> All the Major Physiographic Division The Himalayan Mountains The Northern Plain The Peninsular Plateau The Indian Desert The Coastal Plains The Islands <p>MAP WORK: Mountain Ranges : The Karakoram, The Zaskar, The Shivalik, The Aravali, The Vindhya, The Satpura, Western and Eastern Ghats Mountain Peaks – K2, Kanchan Junga, Anai Mudi Plateau – Deccan Plateau, Chota Nagpur Plateau, Malwa Plateau Coastal Plains – Konkan, Malabar, Coromandel & Northern Circar.</p>	<ul style="list-style-type: none"> Conclude why India is a subcontinent based on study of different physical features. Analyze the conditions and relationships of the people living in different physiographic areas. <ul style="list-style-type: none"> Enumerate the different environmental issues in India and propose solutions for these issues. 	
	<u>ECONOMICS:</u>	<ul style="list-style-type: none"> Introduction. 	<ul style="list-style-type: none"> Enlist the requirements 	25%

	THE STORY OF VILLAGE PALAMPUR	<ul style="list-style-type: none"> Organization of production. Fixed and physical capital. Farming in Palampur (all points to be discussed) Non-farming activities in farming (all points to be discussed). 	<p>of production and comprehend the interdependence of these requirements.</p> <ul style="list-style-type: none"> Corelate farming and non-farming activities to economic growth. Comprehend how the significance of conditions of farming and the factors of production impact economic development. Find solutions to foster an equitable society. 	
	ECONOMICS: PEOPLE AS RESOURCE	<ul style="list-style-type: none"> Overview. Story of Sakal and Villas. Economic Activities by Men and Women. Quality of Population, education and health topics to be discussed. Unemployment, types of unemployment. (comparison of Sheela and Geeta). 	<p>The students will be able to:</p> <ul style="list-style-type: none"> Evaluate the reasons that contribute to the quality of population. <p>Observe the different government schemes in some states and see its effect on the quality of people there by.</p> <ul style="list-style-type: none"> Propose innovative strategies to resolve unemployment problems. 	
Total Marks	80 MM			100%

Punjabi

APRIL-MAY (UNIT-I)	ਸਾਹਿਤਮਾਲਾ- ਕਾਵਿ ਰਚਨਾਵਾਂ- ਸਮਾਂ, ਵਾਰਤਕ- ਵਹਿਮੀ ਤਾਇਆ, ਵੰਨਗੀ- ਕਹਾਣੀਆਂ- ਜਨਮ ਦਿਨ , ਵਿਆਕਰਨ- ਲਿੰਗ ਬਦਲੇ, ਵਿਰੋਧੀ ਸ਼ਬਦ, ਅਣਡਿੱਠਾ ਪੈਰਾ, ਅਣਡਿੱਠੀ ਕਾਵਿ-ਟੁਕੜੀ
JULY-SEP (MID TERM)	ਸਾਹਿਤਮਾਲਾ- ਕਾਵਿ ਰਚਨਾਵਾਂ- ਸਮਾਂ, ਵਿਸਾਖੀ ਦਾ ਮੇਲਾ, ਮੈਂ ਪੰਜਾਬੀ, ਨਵੀਂ ਪ੍ਰਾਣੀ ਤਹਿਜੀਬ, ਵਾਰਤਕ- ਵਹਿਮੀ ਤਾਇਆ, ਮੁਤ ਵੇਖਿਆ ਪਿੰਡ, ਖੁਸ਼ੀਆਂ ਆਪੇ ਨਹੀਂ ਆਉਦੀਆਂ, ਵੰਨਗੀ- ਕਹਾਣੀਆਂ- ਜਨਮ ਦਿਨ , ਸਾਂਝੀ ਕੰਧ, ਇਕਾਂਗੀ- ਮੋਨਧਾਰੀ ਵਿਆਕਰਨ- ਲਿੰਗ ਬਦਲੇ, ਵਿਰੋਧੀ ਸ਼ਬਦ, ਵਿਸਮਿਕ ਤੇ ਕਿਸਮਾਂ, ਕਿਰਿਆ ਤੇ ਕਿਸਮਾਂ, ਅਣਡਿੱਠਾ ਪੈਰਾ, ਅਣਡਿੱਠੀ ਕਾਵਿ-ਟੁਕੜੀ , ਤਸਵੀਰ ਵਰਣਨ , ਲੇਖ, ਪੱਤਰ

ਲੇਖ, ਪੱਤਰ

AI	<p>Employability Skills</p> <ol style="list-style-type: none"> 1. Communication Skills - I 2. ICT Skills - I <p>Subject Specific</p> <ol style="list-style-type: none"> 1. Introduction of AI 2. AI Project Cycle 3. Data Literacy
IT	<p>Employability Skills</p> <ol style="list-style-type: none"> 1. Communication Skills - I 2. ICT Skills - I <p>Subject Specific</p> <ol style="list-style-type: none"> 1. Introduction to IT - ITeS industry 2. Digital Documentation 3. Electronic Spreadsheet