



JIMP PIONEER SCHOOL DEHRADUN, UTTARAKHAND
SYLLABUS DIVISION [CLASS-IX] 2026-27
SUBJECT: ENGLISH LANGUAGE & LITERATURE (184)

I CYCLE OF WEEKLY TEST (I TERM): APRIL 28, 2025

Syllabus-Unseen Passage, The Fun They Had, Diary Entry
 Integrated Grammar (Rearrange/Jumbled Text, Gap filling)

II CYCLE OF WEEKLY TEST (I TERM): JULY 14, 2025

Syllabus-Unseen Passage, Subject Verb Agreement, Diary Entry
 Chapter: Beehive- Sound of Music Part I & II, Poem: The Road Not Taken
 Moments: The Lost Child

WEEKLY TEST (II TERM): DECEMBER 19, 2025

Syllabus-Unseen Passage, Reported Speech, Descriptive Paragraph (Person/Event)
 Chapter: Beehive- My Childhood, L-8 Reach for the Top(I&II) Poem: No Men Are Foreign
 Moments: The Happy Prince

Month/ Days	Book	Unit / Topic		Grammar	Writing	Speaking
April		Introductory Session: Acquainting the students with the Annual curriculum and the Question Paper Pattern	The students will introduce themselves one by one Tips on how to make an effective introduction will be given	Integrated Grammar Exercises	Diary Entry (open ended)	The introductory session will be marked as a subject enrichment activity .
	Lit. Reader Beehive	L-1 The Fun They Had Poem – 1 The Road Not Taken L-2 The Sound of Music (I) – Evelyn Glennie The Sound of Music (II) – Bismillah Khan Poem-2 Wind	<ul style="list-style-type: none"> ➤ The learning objectives ➤ MCQ/QUIZ (Online/Offline) ➤ Reference to context ➤ Ques/Ans (Short/Long/Open ended) ➤ Character sketches ➤ Extrapolation ➤ Poetic devices (In Poems) 	Determiners (Testing prior knowledge; additional exercises)	Paragraph writing – Real Books Vs E-Books Writing the literal as well as the symbolic meaning of the poem.	Discussion on the current relevance of the chapter Discussion on some other famous poems of the poet Discussion on the importance of being empathetic to the disabled

May	Supplementary Reader Moments	L-1 The Lost Child L-3 The Little Girl	<ul style="list-style-type: none"> ➤ Learning objectives ➤ MCQ / Quiz ➤ Reference to context ➤ Ques/Ans (Short/Long/Open ended) ➤ Character Sketches ➤ Extrapolation ➤ Poetic devices 	Verb (Three forms) & Tenses (Exercises to test the prior knowledge & additional exercises) Sub-Verb Agreement (Testing prior knowledge; additional exercises)	The message conveyed by the poem The values learnt from the chapter	Summarizing the chapter Discussion: Characters, plot & theme
June			SUMMER BREAK			
July	Lit. Reader Beehive Supplementary Reader Moments	Poem-3 Rain on the Roof L-4 A Truly Beautiful Mind Poem-4 The lake Isle of Innisfree L-2 The Adventures of Toto	<ul style="list-style-type: none"> ➤ Learning objectives ➤ MCQ / Quiz ➤ Reference to context ➤ Ques/Ans (Short/Long/Open ended) ➤ Character sketch ➤ Poetic devices 	Modals (Testing prior knowledge; additional exercises) Reported Speech – Statements (Testing prior knowledge; additional exercises)	Descriptive Paragraph – Describing a Person The message conveyed by the poem	Discussion on the different emotions induced by rain Discussion on the global and local relevance of the poem Subject Enrichment Activity - Describing one's role model / best friend Discussion: characters, plot & theme
Aug.	Lit. Reader Beehive Supp. Reader Moments	L-5 The Snake and the Mirror Poem 5 A Legend of the Northland L-3 Iswaran The Storyteller L-4 In the Kingdom of Fools	<ul style="list-style-type: none"> ➤ Learning objectives ➤ MCQ / Quiz ➤ Reference to context ➤ Ques/Ans (Short/Long/Open ended) ➤ Character Sketches 	Reported Speech – Commands / Requests; Interrogatives (Testing prior knowledge; additional exercises)	Tips to make a story interesting Descriptive Paragraph – Event Based A brief summary of the poem; Proverbs and Idioms	Narrating real life funny / adventurous incidents Discussion on the message conveyed by the poem Discussion: Some other famous folk tales
Sept.	REVISION : HALF YEARLY EXAMINATION					
Oct.	Lit. Reader Beehive	L-6 My Childhood Poem 6 No Men Are Foreign L-8 Reach for the Top (I) Reach for the Top (II)	<ul style="list-style-type: none"> ➤ Learning objectives ➤ MCQ / Quiz ➤ Reference to context ➤ Ques/Ans (Short/Long/Open ended) ➤ Character sketch ➤ Extrapolation ➤ Poetic devices 	Integrated Grammar Exercises	Values learnt from the exemplary life of Kalam The message conveyed by the poem The values learnt from Santosh and Maria	Discussion: Character sketch of Kalam Discussion about the universal appeal of the message (Poem)

		Poem 8 On Killing a Tree			The central idea of the poem	Discussion – the character sketches of Santosh and Maria Discussion on the global and local relevance of the poem
Nov.	Supplementary Reader Moments Lit. Reader Beehive	L-5 The Happy Prince L-7 The Last Leaf L-10 Kathmandu	<ul style="list-style-type: none"> ➤ Learning objectives ➤ MCQ / Quiz ➤ Reference to context ➤ Ques/Ans (Short/Long/Open ended) ➤ Character Sketches 	Revision of Subject-Verb Agreement exercises	Character sketches Story Writing based on the given opening line / outline Subject Enrichment- Writing a Story with illustrations	Discussion on the values learnt from the characters Discussion on how to write a travelogue
Dec.	Lit. Reader Beehive Supplementary Reader Moments	Poem 10 A Slumber Did My Spirit Seal L-8 A House Is Not a Home	<ul style="list-style-type: none"> ➤ Learning objectives ➤ Reference to context ➤ Ques/Answer (Short/Long/Open ended) ➤ Global and local Comprehension 	Revision of Determiners and Reported Speech Revision of Editing Exercises	The central idea of the poem The ways to deal with loss/ tragedy Descriptive Paragraph- Practice	Discussion on the importance of family in one's life
		REVISION for Periodic Test II				
Jan.	Lit. Reader Beehive Supplementary Reader Moments	L-11 If I Were You L-10 The Beggar	<ul style="list-style-type: none"> ➤ Learning objectives ➤ MCQ / Quiz ➤ Reference to context ➤ Ques/Ans (Short/Long/Open ended) ➤ Character Sketches ➤ Role Play 	Integrated Grammar Exercises	The values learnt from the characters	Role Play- Speaking dialogues with the right modulation Subject Enrichment Activity – Presenting a PPT based on given chapter/poem
Feb.	REVISION FOR ANNUAL EXAMINATION					



JIMP PIONEER SCHOOL DEHRADUN, UTTARAKHAND

SYLLABUS BREAK-UP (2026-27)

CLASS IX

MATHEMATICS

I Weekly Test (April 21,2026 to May

24, 2026) Syllabus - (Chapter-1, Chapter 2,
Chapter 3)

II Weekly Test (17 July,2026 to August 18, 2026)

Syllabus - (Chapter 6, Chapter 7)

Half Yearly Exam (II Week of September,2026 onwards)

Syllabus- (Chapter-5, Chapter-8, Chapter- 10) + syllabus of I and II weekly test

Periodic Test (II TERM)(December 15,2026 to December 28, 2026)

Syllabus- (Chapter- 4, Chapter 9)

Annual Exam (II Week of February, 2027onwards)

Syllabus- (Chapter 1 to Chapter 12)

Chapters	Topics	No. of Periods	
1. Chapter - 2	Polynomials		(11) Periods
	2.1 Introduction	1	07.04.2025 to 24.04.2025
	2.2 Polynomials in One Variables	1	
	2.3 Zeroes of Polynomial	1	
	2.4 Remainder Theorem	2	
	2.5 Factorization of Polynomials	2	
	2.6 Algebraic Identities	2	
	Problem discussion	2	
Activity 1	Factorization of Polynomials		
2. Chapter - 3	Coordinate Geometry		(5) Periods
	3.1 Introduction of a Cartesian System	1	25.04.25 to 2.05.25
	3.2 Plotting of points	2	
	Problem Discussion	1	
Activity 2	Mirror Image of points in cartesian plane	1	
3. Chapter 1	Number Systems		(13) Periods
	1.1 Introduction	1	2.05.2025 to 15.05.2025
	1.2 Irrational Numbers	1	
	1.3 Representation of irrational number on number line	2	
	1.3 Definition of nth root of a real number	2	
	1.5 Rationalisation of real numbers of type $\frac{1}{a+b\sqrt{x}}$ and $\frac{1}{\sqrt{x}+\sqrt{y}}$ and their combination.	2	
	1.6 Recall of laws of exponents with integral powers	2	*(I Periodic test on 19 th May,2025) (15 th to 18 th May Revision)
	1.7 Rational exponents with positive real bases.	1	
	Problem discussion with extra questions	1	
Activity 3	Spiral formation by representation of irrational number on number line	1	
4. Chapter - 6	Lines and angles		(10) Periods
	6.1 Basic Terms & definitions	1	20.05.2025 To 30.05.2025
	6.2 Intersecting lines and Non Intersecting Lines	1	
	6.3 Pairs of angles, vertically opposite angles, corresponding, alternate and co- interior angles.	2	
	6.4 Parallels Lines and a Transversal	2	
	6.5 Lines Parallel to the same Lines	2	
	Problem discussion	1	
Activity 4	Vertically opposite angles are equal	1	

	SUMMER BREAK – 31st May to 30th June		
5. Chapter - 7	Triangles		(12) Periods
	7.1 Congruence of triangles	1	1.07.2025
	7.2 Criteria for congruence of triangles	2	To 15.7..2025
	7.3 Some properties of a Triangle	2	
	7.4 Some more criteria for the congruence of the Triangles	2	
	7.5 Triangles Inequality	2	
	Problem discussion	2	
Activity 5	Centroid and Incentre of a triangle	1	
6. Chapter - 5	Introduction to Euclid's Geometry		(04) Periods
	5.1 Euclid's Definition, Axioms and Postulates	2	16.07.2025
	5.2 Equivalent version of Euclid's Fifth Postulate	1	to
	Problem discussion	1	22.07.2025
7. Chapter - 10	Heron's formula		(06) Periods
	10.1 Area of a triangle by Heron's formula	2	22.07.2025
	10.2 Area of a quadrilateral	1	To
	Exercises and Problem discussion	3	30.07.2025

9. Chapter -8	Quadrilaterals		(12) Periods
	8.1 Angle sum Property of a Quadrilateral	1	31.07.2025 to 27.08.2025
	8.2 Types of quadrilateral	2	
	8.3 Properties of Parallelogram	2	
	(REVISION on 7^h and 8th August)		*(II Weekly test on 11th August,2025)
	8.4 Another condition for a Quadrilateral to be a Parallelogram	2	
	8.5 The Mid- Point Theorem	2	
	8.6 Area of a parallelogram, Area of parallelogram and triangles on the same bases and between same parallel lines.	2	
	Problem discussion	2	
Activity 6	Angle sum property of a quadrilateral	1	(1) Periods
	Probability	2	(3)
	15.1 Probability an Experiment Approach		28.08.2025
	Problem discussion	1	to 2.9.2025
	Revision for Half yearly exam II Week of September,2026 onwards		
8. Chapter -4	Linear Equation in Two Variables		(06) Periods
	4.1 Introduction of Linear Equation	1	1.10.2025 to 8.10.2025
	4.2 Solution	2	
	4.3 Graph of linear equation in two variable. Examples and problem from real life		
	Problem discussion	3	
10. Chapter -9	Circles		(14) Periods
	9.1 Circles and its related terms: A review	1	9.10.2025
	9.2 Angle subtended by a chord at a point	1	to
	9.3 perpendicular from the centre to a chord	2	6.11.2025
	9.4 Circle through three points	1	
	9.5 Equal chords and their Distances from the Centre	1	
	9.6 Angle subtended by an arc of a Circle	2	
	Problem Discussion	1	
Activity 7	Central Angle Theorem of circles	1	

Activity 8	Angles in the Same Segment	1	
Activity 9	Angles in Major and Minor segments	1	
Activity 10	Cyclic quadrilateral Extra topic- one circle passes through from given non collinear point	2	
	ANNUAL FIESTA (28.10.2026 and 29.10.2026)		
11. Chapter -12	STATISTICS		(11) Periods
	Collection of Data	1	7.11.2025 to 23.11.2025
	Presentation of data	1	
	12.1 Graphical Representation of data, Bar Graph	3	
	Histogram, Frequency Polygon	2	
	Mean, median and mode of a data	2	
	Problem Discussion		
	ANNUAL FIESTA (25.11.2026)		
	Geometry (Extra topic) ConstructioN of angles, Bisectors, equilateral triangle. Construction of triangles given its base, sum/difference of the other two sides and one base angle.	3	26.011.2025 to 28.11.2025
12. Chapter -11	SURFACE AREA AND VOLUMES		(13) Periods
	11.1 Surface and Volume of Cube and Cuboid		1.12.2025 to 12.12.2025
	11.2 Surface area and Volume of cylinder		
	Revision of Weekly Test (Iterm)		15 .12.2025 to 17.12.2025 *(II Term written test on 18 th December ,2025)
	11.1 Surface area of a Right Circular cone	2	
	11.2 Surface Area of a Sphere	2	
	11.3 Volume of right Circular Cone	2	
	11.4 Volume of sphere	2	
	Problem discussion	2	
	REVISION OF ALL ACTIVITIES AND CONCEPS RELATED TO THEM		
	WINTER BREAK – 31st December,2026 to 6th January,2027		
	Activity Based Test Conduction		Second Week of January 2025
	Revision for Annual Examination		Winter vacations onwards



JIMP PIONEER SCHOOL DEHRADUN, UTTARAKHAND


**ARTIFICIAL INTELLIGENCE (SUBJECT
CODE 417) CLASS - IX (SESSION 2026 -27)**

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

Week/Month	Chapters/ Topics	Subtopics	No. of Periods
PART A - EMPLOYABILITY SKILLS-I			
7 th April – 24 th April	Unit I Communication Skills - I	<p>Various methods of communication Methods of communication - Verbal , Non-verbal , Visual</p> <p>Elements of communication cycle 1. Meaning of communication 2. Importance of communication skills 3. Elements of communication cycle– (i) sender, (ii) ideas, (iii) encoding, (iv) communication channel, (v) receiver, (vi) decoding, and (vii) feedback</p> <p>Factors affecting our perspectives in communication 1. Perspectives in communication 2. Factors affecting perspectives in communication Visual perception, Language, Past experience, Prejudices, Feelings, Environment</p> <p>Basic writing skills Phrases, Kinds of sentences, Parts of sentence, Parts of Speech, Use of articles, Construction of a paragraph</p>	5 Theory
25 th April –08 th May	Unit II Self Management Skills-I	<p>Meaning and importance of self management 1. Meaning of self-management 2. Positive results of self-management 3. Self-management skills</p> <p>Factors that helps in building self confidence 1. Factors that help in building self-confidence – social, cultural, and physical factors 2. Self-confidence building tips – Getting rid of the negative thoughts, Thinking positively, staying happy with small things, staying clean, hygienic and smart, chatting with positive people, etc.</p>	3 Theory
09 th May – 12 th May	Unit III ICT Skills-I	<p>1. Introduction to ICT 2. Role and importance of ICT in personal life and at workplace 3. ICT in our daily life (examples) 4. ICT tools - Smartphone's, Tablet, radio, TV, email, etc</p>	1 Theory
13 th May	Cycle Test		

13 th May – 28 th May		Components of computer system and their functions : 1. Central Processing Unit (CPU), memory, motherboard, storage devices 2. Hardware and software of a computer system 3. Role and functions of Random Access Memory (RAM) and Read Only Memory (ROM) 4. Role and functions of Central Processing Unit 5. Procedure for starting and shutting down a computer	5 Theory
		Use of various components and peripherals of computer system : 1. Peripherals devices and their uses – mouse, keyboard, scanner, webcam, etc. of a computer system Basic computer skills : 1. Primary operations on a computer system – input, process, storage, output, communication networking, etc.	
01 st July- 15 th July	Unit IV Entrepreneurial Skills- I	Various types of business activities 1. Types of businesses – service, manufacturing, hybrid 2. Types of businesses found in our community Business activities around us Knowledge of distinguishing characteristics of entrepreneurship 1. Meaning of entrepreneurship development 2. Distinguishing characteristics of entrepreneurship 3. Role and rewards of entrepreneurship	4 Theory
16 th July – 29 th July	Unit V Green Skills - I	knowledge of the factors influencing natural resource conservation 1. Introduction to environment 2. Relationship between society and environment, ecosystem and factors causing imbalance 3. Natural resource conservation 4. Environment protection and conservation Importance of green economy and green skills 1. Definition of green economy 2. Importance of green economy	3 Theory
PART B - SUBJECT SPECIFIC SKILLS			
30 th July- 7 th Aug	Unit 5 : Introduction to Python	Introduction to Python Programming Language and its applications Python Basics Variables, Arithmetic Operators, Expressions, Comparison Operators, logical operators, Assignment Operators	4 Theory + 3 Practical
4 th Aug	Cycle test		
04 th July- 7 th Aug	Unit 5 : Introduction to Python	Data Types - integer, float, strings, type conversion , using print() and input() functions	1 Theory + 1 Practical
08 th Aug- 20 th Aug	Unit 5 : Introduction to Python	Flow of control and conditions Conditional Statements – if, if-else, if-elif Iterative statements - for and while, Nested Loop Python Lists (Simple operations using list), indexing (Positive indexing and negative indexing) List Functions –len(), append(), extend(), remove(), pop()	3 Theory + 3 Practical

21 st Aug- 29 th Aug	Unit 1: AI Reflection, AI Project Cycle and Ethics	Introduction to AI Application of Artificial Intelligence in daily lives Three realms of AI (Data Statistics, Computer Vision and Natural Language Processing)	3 Theory
1 st Sep – 6 th Sep	REVISION		
HALF YEARLY EXAMINATION			
3 rd Oct – 13 th Oct –	Unit 1: AI Reflection, AI Project Cycle and Ethics	Introduction to AI Project Cycle <ul style="list-style-type: none"> ● Problem Scoping ● Data Acquisition ● Data Exploration ● Modeling ● Evaluation ● Deployment Problem Scoping - Identify stakeholders, 4Ws problem canvas , ethical issues involved around the selected problem Data Acquisition - Introduction to Data and its types, Data Features, Data Analysis, System maps Data Exploration/Data Visualization - Need of Visualizing data , Various types of graphical tools to visualize data	3 Theory
14 th Oct – 27 th Oct	Unit 1: AI Reflection, AI Project Cycle and Ethics	Modeling : Introduction to Modeling and types of models (Rule based & Learning based) Evaluation : Various evaluation techniques – Evaluation Matrix (True Positive, False Positive, True Negative, False Negative) Deployment : Deployment in Future AI project Ethics : Ethical issues around AI (AI Ethics), AI Bias and AI Access, Advantage and Disadvantage of AI	6 Theory
28 th Oct - 10 th Nov	Unit 2: Data Literacy	<ul style="list-style-type: none"> ● Introduction to Data Literacy & its importance ● Application of data Literacy Framework to analyze and interpret data ● Difference between data Privacy and Data Security ● Risk associated with data breaches and unauthorized access ● Measures to protect data privacy band enhance data security 	3 Theory
11 th Nov – 25 th Nov	Unit 2: Data Literacy	<ul style="list-style-type: none"> ● Types of Data ● Data Acquisition/Acquiring Data ● Features of Data and Data Preprocessing ● Data Processing and Data Interpretation ● Types of Data Interpretation ● Importance of Data Interpretation 	3 Theory
26 th Nov- 08 th Dec	Unit 2: Data Literacy	<ul style="list-style-type: none"> ● Importance of Data Visualization ● Different methods of Data visualizations ● Data Visualization using Tableau 	3 Theory

<p>9th Dec- 28th Dec</p>	<p>Unit 3 : Math for AI</p>	<p>Importance of Math for AI</p> <ul style="list-style-type: none"> • Finding Patterns in Numbers and images • Use of Math in AI – Statistics , Linear Algebra, Probability, Calculus • Number Patterns Picture Analogy <ul style="list-style-type: none"> ○ Observe the number pattern and find missing number ○ To find connections between sets of images and use that to solve problems. <p>Statistics</p> <ul style="list-style-type: none"> • Definition of Statistics • Applications <ul style="list-style-type: none"> ○ Disaster Management ○ Sports ○ Diseases Prediction 	<p>3 Theory</p>
		<ul style="list-style-type: none"> ○ Weather Forecast • Uses of Statistics in daily life <p>Probability</p> <ul style="list-style-type: none"> • Introduction to Probability • Probability of an event, Types of events • Applications of Probability <ul style="list-style-type: none"> ○ Sports ○ Weather Forecast ○ Traffic Estimation 	
<p>7th Jan - 17th Jan</p>	<p>Unit 4 : Introduction to Generative AI</p>	<ul style="list-style-type: none"> • Introduction to Generative AI • Generative AI vs Conventional AI • Types of Generative AI • Examples of Generative AI • Benefits of Using Generative AI • Limitations of using Generative AI • Generative AI tools • Ethical considerations of using Generative AI 	<p>3 Theory</p>
<p>PART C PRACTICAL WORK</p>			
	<p>PRINT</p>	<ul style="list-style-type: none"> • To print personal information like Name, Father’s Name, Class, School Name. • To print the following patterns using multiple print commands- <div style="text-align: center;">  </div> <ul style="list-style-type: none"> • To find square of number 7 • To find the sum of two numbers 15 and 20. • To convert length given in kilometers into meters. • To print the table of 5 up to five terms. • To calculate Simple Interest if the principal_amount = 2000, rate_of_interest = 4.5, time = 10 years 	

18 th Jan - 05 th Feb	INPUT	<ul style="list-style-type: none"> • To calculate Area and Perimeter of a rectangle • To calculate Area of a triangle with Base and Height • To calculating average marks of 3 subjects • To calculate discounted amount with discount % • To calculate Surface Area and Volume of a Cuboid 	
	LIST	<ul style="list-style-type: none"> • Create a list in Python of children selected for science quiz with following names- Arjun, Sonakshi, Vikram, Sandhya, Sonal, Isha, Kartik Perform the following tasks on the list in sequence- <ul style="list-style-type: none"> • Print the whole list • Delete the name “Vikram” from the list • Add the name “Jay” at the end • Remove the item which is at the second position. • Create a list num=[23,12,5,9,65,44] <ul style="list-style-type: none"> • Print the length of the list • Print the elements from second to fourth position using positive indexing • Print the elements from position third to fifth using 	
		<p style="text-align: center;">negative indexing</p> <ul style="list-style-type: none"> • Create a list of first 10 even numbers, add 1 to each list item and print the final list. • Create a list List_1=[10,20,30,40]. Add the elements [14,15,12] using extend function. Now sort the final list in ascending order and print it. 	
06 th Feb – 11 th Feb	IF, FOR, WHILE	<ul style="list-style-type: none"> • Program to check if a person can vote • To check the grade of a student • Input a number and check if the number is positive, negative or zero and display an appropriate message • To print first 10 natural numbers • To print first 10 even numbers • To print odd numbers from 1 to n • To print sum of first 10 natural numbers • Program to find the sum of all numbers stored in a list 	
REVISION			
Entire syllabus will be considered in Annual Exam			



JIMP PIONEER SCHOOL DEHRADUN, UTTARAKHAND

**CLASS -IX (2026-2027)
SOCIAL SCIENCE (087)**

TEXT BOOKS: PUBLISHED BY N.C.E.R.T.	SUBJECT	BOOK TITLE
	HISTORY	INDIA & CONTEMPORARY WORLD - I
	POLITICAL SCIENCE	DEMOCRATIC POLITICS – I
	GEOGRAPHY	CONTEMPORARY INDIA-I
	ECONOMICS	ECONOMICS
CBSE	DISASTER MANAGEMENT	TOGETHER, TOWARDS A SAFER INDIA- PART II

Month	Subject	Ch. no	Name of the Chapter
APRIL- MAY	Political Science	1	What is Democracy? Why Democracy?
	History	1	The French Revolution
	Geography	1	India: Size and Location
	Economics	1	The Story of Village Palampur
WRITTEN TEST-I (24th May 2026)			
MAY-JUL	History		Socialism in Europe and the Russian Revolution
	Political Science	2	Constitutional Design
	Geography	2	Physical Features of India
	Economics	2	People as Resource
WRITTEN TEST II (18th Aug 2026)			
JULY- AUG	History		Nazism: Rise of Hitler
	Political Science	3	Electoral Politics
	Geography	3	Drainage
	Economics	2	People as a Resources
MAP REVISION AND PROBLEM-SOLVING SESSION			
ALL ABOVE CHAPTERS ALONG WITH MAP WORK WILL BE EVALUATED IN A HALF- YEARLY EXAMINATION (2nd WEEK OF SEPTEMBER 2026)			
OCT- NOV	History		Forest Society and Colonialism
	Political Science	4	Working of Institution
	Geography	4	Climate
		5	Natural Vegetation and Wildlife
Economics	3	Poverty as a Challenge	
WRITTEN TEST III (15th DECEMBER, 2026)			
DEC-JAN	History		Pastoralists in the Modern World (It will be evaluated in the Written Test for Term II)
	Political Science	5	Democratic Rights
	Geography	6	Population
	Economics	4	Food Security System
FEB	MAP REVISION AND PROBLEM-SOLVING SESSION		
ANNUAL EXAMINATION (2nd WEEK OF FEBRUARY, 2027 ONWARDS)			
ALL THE ABOVE CHAPTERS ALONG WITH MAP WORK WILL BE EVALUATED IN THE ANNUAL EXAMINATION			

DISASTER MANAGEMENT WILL BE EVALUATED AS A PROJECT WORK ONLY. (5 MARKS)

Social Science Department

कक्षा-9 हिंदी पाठ्यक्रम विभाजन, कोर्स 'ए', सत्र : 2026-27

पाठ्य पुस्तक: गंगा, व्याकरण एवं रचनात्मक लेखन

प्रथम साप्ताहिक परीक्षा (Weekly Test-1) प्रथम चरण (I Term)

क्र.	पाठ्यवस्तु	
1.	अपठित गद्यांश	
2.	उपसर्ग, प्रत्यय	
3.	व्याकरण- संज्ञा, सर्वनाम	
4.	रचनात्मक लेखन-संवाद-लेखन (दी गई परिस्थितियों के आधार पर लगभग 80 शब्दों में लेखन)	

द्वितीय साप्ताहिक परीक्षा (Weekly Test-2) प्रथम चरण (I Term)

क्र.	पाठ्यवस्तु	
1.	अपठित गद्यांश	
2.	शब्द भंडार- समानार्थी शब्द, मुहावरे	
3.	अनुच्छेद लेखन - समसामयिक तथा व्यावहारिक जीवन से संबंधित (लगभग 120 शब्द)	
4.	पाठ्य-पुस्तक गंगा (गद्य): दो बैलों की कथा - प्रेमचंद	

अर्द्ध-वार्षिक परीक्षा (Half Yearly Examination)

क्र.	पाठ्यवस्तु	
1.	अपठित गद्यांश	
2.	उपसर्ग तथा प्रत्यय	
3.	शब्द भंडार- समानार्थी शब्द, मुहावरे	
4.	विराम चिह्न	
5.	किसी दृश्य अथवा/घटना के चित्र पर आधारित लगभग 80 शब्दों में लेखन	
6.	अनुच्छेद लेखन - समसामयिक तथा व्यावहारिक जीवन से संबंधित (लगभग 120 शब्द)	
7.	पत्र लेखन- अभिव्यक्ति क्षमता पर केंद्रित अनौपचारिक पत्र लगभग 100 शब्द	
8.	संवाद-लेखन (दी गई परिस्थितियों के आधार पर लगभग 100 शब्दों में लेखन)	
9.	पाठ्य-पुस्तक गंगा (गद्य) : दो बैलों की कथा-प्रेमचंद, क्या लिखूँ-पदुमलाल पुन्नालाल बख्शी, संवादहीन-शेखर जोशी	
10.	पाठ्य-पुस्तक गंगा (पद्य): पद-रैदास, राम-लक्ष्मण-परशुराम संवाद, भारति जय, विजय करे-सूर्यकांत त्रिपाठी 'निराला'	

लिखित परीक्षा - द्वितीय चरण (Written Test-Term-II)

1.	अपठित गद्यांश	
2.	निपात	
3.	विराम चिह्न	
4.	पाठ्य-पुस्तक गंगा (गद्य): ऐसी भी बातें होती हैं-यतींद्र मिश्र,	
5.	पाठ्य-पुस्तक गंगा (पद्य): झाँसी की रानी-सुभद्रा कुमारी चौहान	

वार्षिक परीक्षा(Annual Examination)	
क्र.	पाठ्यवस्तु
1.	अपठित गद्यांश
2.	उपसर्ग तथा प्रत्यय
3.	संज्ञा, सर्वनाम, निपात
4.	विराम चिह्न
5.	शब्द भंडार- समानार्थी शब्द, मुहावरे
6.	अनुच्छेद लेखन - समसामयिक तथा व्यावहारिक जीवन से संबंधित (लगभग 120 शब्द)
7.	पत्र लेखन- अभिव्यक्ति क्षमता पर केंद्रित अनौपचारिक पत्र लगभग 100 शब्द
8.	संवाद-लेखन (दी गई परिस्थितियों के आधार पर लगभग 100 शब्दों में लेखन)
9.	किसी दृश्य अथवा/घटना के चित्र पर आधारित लगभग 80 शब्दों में लेखन
10.	गंगा (गद्य) : दो बैलों की कथा-प्रेमचंद, क्या लिखूँ-पुन्नालाल पुन्नालाल बख्शी, संवादहीन-शेखर जोशी, ऐसी भी बातें होती हैं-यतींद्र मिश्र, आखिरी चट्टान तक-मोहन राकेश रीढ़ की हड्डी - जगदीश चंद्र माथुर, मैं और मेरा देश-कन्हैयालाल मिश्र 'प्रभाकर'
11.	गंगा (पद्य): पद-रैदास, राम-लक्ष्मण-परशुराम संवाद-गोस्वामी तुलसीदास, भारति जय, विजय करे-सूर्यकांत त्रिपाठी 'निराला', झाँसी की रानी-सुभद्रा कुमारी चौहान घर की याद-भवानी प्रसाद मिश्र

आंतरिक मूल्यांकन- 20 अंक

1. लिखित परीक्षा **Periodic Test**
2. बहुविध आकलन **Multiple Assessment** (गृहकार्य, विविध प्रतियोगिताओं में प्रतिभाग)
3. **Portfolio**(नोटबुक, अभ्यास पत्रक आदि)
4. विषय संवर्धन (**Subject Enrichment**)कक्षा परीक्षा, वाचन एवं श्रवण कौशल



JIMP PIONEER SCHOOL DEHRADUN, UTTARAKHAND
SCIENCE
CLASS-IX (2026-2027)

SUBJECT	CH NO	NAME OF THE CH.	SUB TOPICS	MONTHS
PHYSICS	7	MOTION	7.1 Describing motion 7.1.1 Motion along a straight line. 7.1.2 Uniform and non-uniform motion 7.2 Measuring rate of motion 7.2.1 Speed with direction 7.3 Rate of change of velocity 7.4 Graphical representation Introduction	APRIL- MAY
CHEMISTRY	1	MATTER IN OUR SURROUNDINGS	1.1 Physical nature of matter · Matter is made up of small particles. 1.2 Characteristic of particles of matter · Particles of matter have space between them. · Particles of matter attract each other. · Kinetic Energy 1.3 States of matter · The solid state. · The liquid state. · The gaseous state. 1.4 Inter-conversion of states · Effect of change of temperature. · Effect of change of pressure. · Sublimation. 1.5 Evaporation NCERT question and answer discussion	
BIOLOGY	5	CELL – THE FUNDAMENTAL UNIT OF LIFE	5.1 Cell as a basic unit of life, Prokaryotic and eukaryotic cells and Multicellular organisms. 5.2 Cell membrane and Cell Wall 5.3 Cell organelles; chloroplast, mitochondria, vacuoles, Endoplasmic reticulum, Golgi apparatus, nucleus 5.4 Chromosomes – basic structure, number Revision	

FIRST WRITTEN TEST (TERM-1) - May 2026

Syllabus :

PHYSICS CHAPTER - 7 MOTION (till 7.4)

CHEMISTRY CHAPTER - 1 MATTER IN OUR SURROUNDINGS (till 1.4)

BIOLOGY CHAPTER - 5 CELL - THE FUNDAMENTAL UNIT OF LIFE (5.1 & 5.2)

PHYSICS	8	FORCES 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 8.4.1 Mathematical formulation of second law of motion 8.5 Third law of motion Numerical Discussion of NCERT Questions and answers	JULY
CHEMISTRY	2	IS MATTER AROUND US PURE?	· 2.4 Pure substance. · Elements- Metal, Non-metal, and Metalloids. · Compounds- Organic and inorganic compounds 2.1 Mixture · Homogeneous mixture. · Heterogeneous mixture.	
BIOLOGY	6	TISSUES	6.1 Tissues 6.2.1 Plant Tissues (Meristematic)	

SECOND WRITTEN TEST (TERM-1) - May 2025

Syllabus :

PHYSICS

CHAPTER - 7 MOTION (7.4 to 7.6)

CHAPTER - 8 FORCE AND LAWS OF MOTION (till 8.4)

CHEMISTRY

CHAPTER - 1 MATTER IN OUR SURROUNDINGS (1.5)

CHAPTER - 2 IS MATTER AROUND US PURE? (2.4 & 2.1)

BIOLOGY

CHAPTER - 5 CELL - THE FUNDAMENTAL UNIT OF LIFE (5.3 & 5.4)

PHYSICS	9	GRAVITATION	9.1 Gravitation 9.1.1 Universal law of gravitation 9.1.2 Importance of universal law of gravitation 9.2 Free fall To calculate the value of “g” Motion of objects under the influence of gravitational force of the earth. 9.3 Mass 9.4 Weight 9.4.1 Weight of an object on the moon Numerical Discussion of NCERT Questions and answers	AUGUST- SEPT
CHEMISTRY	2	IS MATTER AROUND US PURE (CONTD.)	2.2. Solutions · 2.2.1 Concentration of a solution · 2.2.2 Suspension · 2.2.3 Colloidal Solution 2.3 Physical and Chemical Changes NCERT question and answer discussion Revision	
BIOLOGY	6	TISSUES	6.2.2 Plant Tissue (Permanent) Revision	

HALF YEARLY EXAMINATION - SEPTEMBER 2026 (SECOND WEEK)

Syllabus :

PHYSICS

CHAPTER - 7 MOTION

CHAPTER - 8 FORCE AND LAWS OF MOTION

CHAPTER - 9 GRAVITATION (till 9.4)

CHEMISTRY

CHAPTER - 1 MATTER IN OUR SURROUNDINGS

CHAPTER - 2 IS MATTER AROUND US PURE?

BIOLOGY

CHAPTER - 5 CELL - THE FUNDAMENTAL UNIT OF LIFE

CHAPTER - 6 TISSUES (PLANT TISSUE)

PHYSICS	9	GRAVITATION	9.5- Thrust and pressure 9.5.1 Pressure in fluids 9.5.2 Buoyancy 9.5.3 Why objects float or sink when placed on surface of water 9.6 Archimedes's principle Numerical Discussion of NCERT Questions and answers	OCT
CHEMISTRY	3	ATOMS AND MOLECULES	3.1 Laws of chemical combination. · Law of conservation of mass. · Law of constant proportion. 3.2 Atom. · Symbols · Atomic/Molecular mass. 3.3 Molecules · Molecules of elements. · Molecules of compounds.	
BIOLOGY	6	TISSUES	6.3 Animal tissue 6.3.1 Epithelial Tissues 6.3.2 Connective Tissues	
PHYSICS	10	WORK, POWER AND ENERGY	10.1 Work 10.1.1 Not much work done in spite of working hard 10.1.2 Scientific concept of work Work done by a constant force 10.2 Energy 10.2.1 Kinetic energy 10.2.2 Potential energy 10.2.3 Potential energy of an object at a height . 10.2.4 Are various forms of energy interconvertible Numericals	NOV-DEC
CHEMISTRY	3	ATOMS AND MOLECULES (CONTD.) STRUCTURE OF THE ATOM	3.4 Writing chemical formulae. (Formation of cations and Anions) (Writing chemical formulae by Criss cross method) Ø NCERT question and answer discussion. 4.1 Charge particle of matter (Electrons, protons, and neutrons) 4.2 Atomic models. · Thomson's model of an atom with limitations.	

BIOLOGY	6	TISSUES	6.3.3 Muscular Tissue 6.3.4 Nervous Tissues Revision	
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WEEKLY TEST (TERM – II) - DECEMBER, 2026

Syllabus :

PHYSICS

CHAPTER - 9 GRAVITATION (after article 9.5)

CHAPTER - 10 WORK AND ENERGY

CHEMISTRY

CHAPTER - 3 ATOMS AND MOLECULES

BIOLOGY

CHAPTER - 6 TISSUES (ANIMAL TISSUE)

PHYSICS	11	SOUND	11.1 Production of sound 11.1.1 Sound needs material medium to travel 11.1.2 Sound waves are longitudinal waves 11.1.3 Characteristics of sound wave + numericals 11.1.4 Speed of sound in different media 11.2 Propagation of sound 11.3 Reflection of sound 11.3.1 Echo 11.3.2 Reverberation 11.3.3 Uses of multiple reflection of sound 11.4 Range of hearing	JAN-FEB
CHEMISTRY	4	STRUCTURE OF THE ATOM	4.2 Atomic models(contd.) · Rutherford’s model of an atom with limitations. · Bohr’s model of an atom. 4.3 Electronic configuration: Bohr- bury rule. 4.4 Valency. 4.5 Atomic number and mass number. 4.6 Isotopes and isobars. · Average atomic mass. · Applications of isotopes. NCERT question and answer discussion. REVISION FOR ANNUAL EXAMINATION	
BIOLOGY	12	IMPROVEMENT IN FOOD RESOURCES	12.1 Plant breeding and selection for quality improvement and management, Organic farming Plant production management Plant protection management 12.2 Animal breeding and selection for quality improvement and management REVISION	

ANNUAL EXAMINATION (2026-2027)

Syllabus :

PHYSICS

CHAPTER - 7 MOTION

CHAPTER - 8 FORCE AND LAWS OF MOTION

CHAPTER - 9 GRAVITATION

CHAPTER - 10 WORK AND ENERGY

CHAPTER - 11 SOUND

CHEMISTRY

CHAPTER - 1 MATTER IN OUR SURROUNDINGS

CHAPTER - 2 IS MATTER AROUND US PURE?

CHAPTER - 3 ATOMS AND MOLECULES

BIOLOGY

CHAPTER - 4 STRUCTURE OF THE ATOM
CHAPTER - 5 CELL - THE FUNDAMENTAL UNIT OF LIFE
CHAPTER - 6 TISSUES
CHAPTER - 12 IMPROVEMENT IN FOOD RESOURCES

LIST OF EXPERIMENTS IN SCIENCE**PHYSICS**

1. To determine of the density of solid (denser than water) by using a spring balance and a measuring cylinder.
2. Establishing the relation between the loss in weight of a solid when fully immersed in tap water.
3. Verification of the laws of reflection of sound.
4. To determine the velocity of sound using helical spring.

CHEMISTRY

1. Preparation of: a) a true solution of common salt, sugar and alum
b) a suspension of soil, chalk powder and fine sand in water
c) 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.
2. Preparation of: a) A mixture
b) A compound
using iron filings and sulphur powder and distinguishing between these on the basis of:
 - appearance, i.e., homogeneity and heterogeneity
 - behaviour towards a magnet
 - behaviour towards carbon disulphide as a solvent
 - effect of heat
3. Perform the following reactions and classify them as physical or chemical changes:
 - a) Iron with copper sulphate solution in water
 - b) Burning of magnesium ribbon in air
 - c) Zinc with dilute sulphuric acid
 - d) Heating of copper sulphate crystals
 - e) Sodium sulphate with barium chloride in the form of their solutions in water
4. Determination of the melting point of ice and the boiling point of water.
5. Verification of the law of conservation of mass in a chemical reaction.

BIOLOGY

1. To study the different parts of Compound Microscope.
2. Preparation of stained temporary mounts of onion peel to observe plant cell and record observation and draw their diagrams.
3. Preparation of stained temporary mount of human cheek cells & record observations and draw their labelled diagrams.
4. Identification of Parenchyma, collenchyma and Sclerenchyma tissues in plants from prepared slides.
5. Identification of striped, smooth and cardiac muscle fibres and nerve cells in animals from prepared slides.
Draw their labelled diagrams.