CLASS-VIII

SESSION 2026-27

SUBJECT- ENGLISH

PERIODIC TEST -I (20 MARKS)

MONTH	UNITS	CHAPTER	SUB-TOPICS
APRIL	Unit 1	Eng Literature: • Ch:1 The Wit that Won Hearts • Ch-2: A Concrete Example	**Ch-1** Reading for gist & detail • Vocabulary in context • Inference-based questions • Character analysis • Theme & message • Textual evidence • Extract-based questions **Ch-2** • Word meanings in context • Understanding narrative structure • Cause & effect • Central idea • Competency-based Q/A Short & Long answers

		Eng Grammar: Book unit- 1	Eng Grammar: • Determiners • Articles • Notice Writing
MAY	Unit 1	Eng Literature: • Ch-:3 Wisdom Paves the way (poem)	Eng literature: • Recitation skills • Stanza-wise meaning • Poetic devices (Rhyme scheme, metaphor, imagery) • Theme • Extract-based questions
		Eng Grammar: • Book unit-II	Eng Grammar: • Subject and Predicate • Linking verbs and subject complement • Object and its complement
JUNE		REVISION FOR PERIODIC TEST -1	

PERIODIC TEST-II (20 MARKS)

MONTH	UNITS	CHAPTER	SUB-TOPICS
JULY	Unit 2: Values and Dispositions	Eng Literature • Ch-1: A Tale of Valour: Major Somnath and the Battle of Badgam • Ch-2: Somebody's mother (poem)	Eng Literature Ch-1 ● Readingcomprehension ● Vocabulary ● Character traits ● Theme (Patriotism) ● Higher-order thinking questions (HOTS) ● Evidence from text Ch-2 ● Poetic appreciation ● Word meanings ● Imagery ● Theme (Kindness) ● Competency-based extract questions
		Eng Grammar: Book unit-3 • E-mail Writing	Eng Grammar: • Primary Auxiliaries • Modal Auxiliaries
AUGUST	Unit 2: Values and Dispositions	Eng Literature • Ch-3: Verghese Kurien: I Too had a Dream	Eng literature Ch-3 ● Reading for detail ● Vocabulary in context ● Achievements & contribution ● Message ● Analytical Q/A Ch-1 ● Suspense elements

	Unit 3: Mystery and Magic	• Ch-1: The Case of the Fifth Word	• Inference skills • Vocabulary • Theme • Extract-based & competency questions
		Eng Grammar: Book unit -4 • Letter writing • Comprehension	Eng Grammar: • Infinitives • Participles • The Gerund
		REVISION FOR PT II AND MID TERM (MID TERM INCLUDES PT 1, 2 AND AUGUST SYLLABUS)	

MID TERM EXAMINATION (80 MARKS)

MONTH	UNIT	CHAPTER	SUB-TOPICS
SEPTEMBER	Unit 1,2,3 and grammar	(MID TERM SYLLABUS INCLUDES THE CHAPTERS COVERED IN PERIODIC TEST 1 AND 2 INCLUDING AUGUST)	

PERIODIC TEST- III (20 MARKS)

MONTH	UNIT	CHAPTER	SUB-TOPICS
SEPTEMBER	Unit 3: Mystery and Magic	Eng literature: • Ch-2: The Magic Brush of Dreams • Ch-3: Spectacular Wonders	Eng literature: Ch-2 • Narrative elements • Moral & values • Character analysis • Vocabulary in context Text-based Q/A Ch-3 • Fact vs opinion • Key ideas • Vocabulary • Short & Long Q/A
		Eng Grammar: Book unit-V Essay writing	Eng Grammar: • The Present Tense • The Past Tense • The Future Tense
OCTOBER	Unit 4: Environment	Eng literature: • Ch-1: The Cherry Tree	Eng literature: Ch-1: • Nature description • Theme • Vocabulary • Character emotions • Extract-based Q Ch-2

		• Ch-2: Harvest Hymn	• Imagery • Theme • Vocabulary • Stanza explanation • Competency-based Q/A
		Eng Grammar: Book unit- VI	Eng Grammar: • Clauses • Adverbs and Adverbials • Conditionals
NOVEMBER	Unit 4: Environment	Eng literature: • Ch- 3: Waiting for the Rain	Eng Literature: Ch-3: • Theme analysis • Vocabulary in context • Inference-based questions • Value-based discussion
		Eng Grammar: Book unit- VII	Eng Grammar: • Prepositions • Conjunctions
DECEMBER	Unit 5: Science and Curiosity	Eng Literature: • Ch-1: Feathered Friend	Eng Literature: Ch-1 • Reading comprehension • Vocabulary • Theme • Competency-based questions
		Eng Grammar: Book unit VIII	Eng Grammar: • Direct and Indirect Speech

		• Story Writing	
		REVISION FOR PERIODIC TEST 3	

ANNUAL EXAMINATION (80 MARKS)

MONTHS	UNIT	CHAPTER	SUB-TOPICS
JANUARY	Unit 5: Science and Curiosity	Eng Literature: • Ch-2: Magnifying Glass • Ch-3: Bibha Chowdhari: The Beam of Light that lit the Path for Women in Indian Science	Eng literature: Ch-2 • Central idea • Vocabulary in context • Analytical Q/A Ch-3 • Achievements, Vocabulary • Theme • Competency-based & Extract questions
		Eng Grammar: Book unit- VIII Writing a Diary	Eng Grammar: • Active and Passive Voice
FEBRUARY	Unit -1,2,3, 4,5,6 and grammar	REVISION FOR ANNUAL EXAM (ANNUAL EXAM SYLLABUS WILL BE THE TOPICS COVERED IN PERIODIC TEST 3 ALONG WITH THE TOPICS OF JANUARY AND 10% OF MID TERM SYLLABUS)	

SUBJECT -BENGALI

PERIODIC TEST- I

MONTHS	UNITS	CHAPTER	SUB-TOPICS
APRIL	আমার বাংলা	১ (পদ্য) ১(গদ্য) ব্যাকরণ ও নির্মিতি বিষয়ক	বিদ্যাসাগর বাহিরে যাত্রা কারক বিভক্ত, পদ পরিবর্তন, পত্রলিখন
MAY	আমার বাংলা	২ (পদ্য) ব্যাকরণ	বঙ্গমাতা সমার্থক শব্দ, বিপরীত শব্দ, বাক্যরচনা
JUNE	আমার বাংলা	Revision ২ (গদ্য) ব্যাকরণ	Revision for Periodic Test-I লালুর পাঁঠাবলি বাক্য পরিবর্তন

PERIODIC TEST - II

MONTHS	UNITS	CHAPTER	SUB-TOPICS
JULY	আমার বাংলা	৪ (গদ্য) ৪ (পদ্য) ব্যাকরণ ও নির্মিতি বিষয়ক	অপুর পাঠশালা ছাড়পত্র অনুচ্ছেদ রচনা, পদ পরিবর্তন, সমার্থক শব্দ, বাক্যপরিবর্তন
AUGUST		Revision ৫ (পদ্য) ব্যাকরণ	Revision for Periodic Test-II আবার আসিব ফিরে সমার্থক শব্দ, বাক্যরচনা, বিপরীত শব্দ

MID TERM EXAMINATION

MONTHS	UNITS	CHAPTER	SUB-TOPICS
SEPTEMBER	MID TERM EXAM	Revision	Revision for Mid Term Examination Note: Periodic Test-I & Test-II Syllabus also included in Mid Term Examination syllabus

PERIODIC TEST - III

MONTHS	UNITS	CHAPTER	SUB-TOPICS
OCTOBER	আমার বাংলা	৬ (গদ্য) ব্যাকরণ ও নির্মিতি	অবনীন্দ্রনাথের একশো বছর কারক বিভক্তি, চিত্রলিখন
NOVEMBER	আমার বাংলা	৭ (পদ্য) ব্যাকরণ	কলকাতার যীশু বাক্য পরিবর্তন, পদ পরিবর্তন, সমার্থক শব্দ
DECEMBER	আমার বাংলা	৮ (গদ্য) ব্যাকরণ ও নির্মিতি বিষয়ক	পেনিসিলিন Case Study
JANUARY	আমার বাংলা	১০ (পদ্য) ব্যাকরণ Revision	ফুটকড়াই পদপরিবর্তন, বিপরীত শব্দ, সমার্থক শব্দ Revision for Periodic Test - III Examination

ANNUAL TERM EXAMINATION

MONTHS	UNITS	CHAPTER	SUB-TOPICS
FEBRUARY		Revision	Revision for Annual Term Exam Note: Periodic Test-III Syllabus also included in Annual Term Examination syllabus

SUBJECT- Hindi

PERIODIC TEST -I

MONTHS	UNITS	CHAPTERS	SUB-TOPICS
APRIL	मल्हार	Ch- 2	द गौरैया (पाठ के अनुसार व्याकरण भाग I)
MAY	मल्हार	Ch-7	• मत ा (पाठ के अनुसार व्याकरण भाग)।
JUNE	मल्हार	Ch- 8	• नए मे मान (पाठ के अनुसार व्याकरण भाग)।

PERIODIC TEST-II

MONTHS	UNITS	CHAPTERS	SUB-TOPICS
JULY	मल्हार	Ch- 1	• स्वदेश (पाठ के अनुसार व्याकरण भाग)।
AUGUST	मल्हार	Ch- 6	• एक कर भर म (पाठ के अनुसार व्याकरण भाग)।

HALF-YEARLY EXAMINATION

MONTHS	CHAPTER	SUB-TOPICS
SEPTEMBER	PT I + PT II	Full Syllabus

PERIODIC TEST -III

MONTHS	UNITS	CHAPTERS	SUB-TOPICS
OCTOBER	मल्हार	Ch-5	• क र के द े(पाठ के अनुसार व्याकरण भाग)।
NOVEMBER	मल्हार	Ch-3	• एक आश ्राद (पाठ के अनुसार व्याकरण भाग)।
DECEMBER	मल्हार	Ch- 9	• आदम का अनुपात (पाठ के अनुसार व्याकरण भाग)।
JANUARY	मल्हार	-	continue

ANNUAL EXAMINATION

MONTHS	CHAPTER	SUB-TOPICS
FEBRUARY	PT III (TOTAL) + 10% OF PT I And PT II	Full Syllabus

SUBJECT -BENGALI (L3)

PERIODIC TEST- I

MONTHS	UNITS	CHAPTER	SUB-TOPICS
APRIL	সাহিত্য কথা (২) ব্যাকরণ (ভাষা কমল ২)	পাঠ – ১ (পদ্য) পাঠ - ২ (গদ্য) পাঠ - ১	বিদ্যা মহা ধন একটি হাঁসের জন্য ভাষা ও ব্যাকরণ
MAY	সাহিত্য কথা (২) ব্যাকরণ (ভাষা কমল ২)	পাঠ - ৪ (গদ্য) পাঠ - ৫ (পদ্য) পাঠ – ৩	কাকের সংখ্যা সামনে বাঘ শব্দ, পদ, বাক্য
JUNE		Revision	Revision for Periodic Test-I

PERIODIC TEST - II

MONTHS	UNITS	CHAPTER	SUB-TOPICS
JULY	সাহিত্য কথা (২) ব্যাকরণ (ভাষা কমল ২)	পাঠ - ৮ (গদ্য) পাঠ - ৯ (পদ্য) পাঠ – ৫	টেলিফোন: এ যুগের বিস্ময় হাট লিঙ্গ
AUGUST	সাহিত্য কথা (২) ব্যাকরণ (ভাষা কমল ২)	পাঠ - ১০ (গদ্য) পাঠ - ১৩ (পদ্য) পাঠ – ৬	আমরা বাঙালি খুখুমণি বচন

MID TERM EXAMINATION

MONTHS	UNITS	CHAPTER	SUB-TOPICS
SEPTEMBER	Half Yearly EXAM	Revision	Revision for Half Yearly Examination Note: Periodic Test-I & Test-II Syllabus also included in Half Yearly Examination syllabus

PERIODIC TEST - III

MONTHS	UNITS	CHAPTER	SUB-TOPICS
OCTOBER	সাহিত্য কথা (২) ব্যাকরণ (ভাষা কমল ২)	পাঠ - ১১ (পদ্য) পাঠ - ১৪ (গদ্য) পাঠ – ৭	মোটা বুদ্ধি কবিগুরু রবীন্দ্রনাথ পদ পরিবর্তন
NOVEMBER	সাহিত্য কথা (২) ব্যাকরণ (ভাষা কমল ২)	পাঠ - ১৫ (পদ্য) পাঠ - ৮ ও ৯	প্রজাপতি বিপরীত শব্দ ও সমার্থক শব্দ
DECEMBER	সাহিত্য কথা (২) ব্যাকরণ (ভাষা কমল ২)	পাঠ - ১৬ (গদ্য) পাঠ – ১১	ভারত আমার দেশ এককথায় প্রকাশ
JANUARY	সাহিত্য কথা (২) ব্যাকরণ (ভাষা কমল ২)	পাঠ - ২০ (গদ্য) পাঠ – ১৩	ছবিতে গল্প অনুচ্ছেদ রচনা

ANNUAL TERM EXAMINATION

MONTHS	UNITS	CHAPTER	SUB-TOPICS
FEBRUARY		Revision	Revision for Annual Term Exam Note: Periodic Test-III Syllabus and 10% from PTI and PTII also included in Annual Term Examination syllabus

SUBJECT- Hindi (3RD LANGUAGE)

PERIODIC TEST-I

MONTHS	UNITS	CHAPTERS	SUB-TOPICS
APRIL	आधुनिक न िंदी पाठमाला	Ch- 2,3	• पिु ावृनि • प्रथम का बथथडे
MAY	न िंदी व्याक ण	Ch-4	• औ वा
JUNE	न िंदी व्याक ण	Ch- 5	• िं ा

PERIODIC TEST-II

MONTHS	UNITS	CHAPTERS	SUB-TOPICS
JULY	आधुनिक न िंदी पाठमाला	Ch- 4,8	• ठ - ठ • आ मि न ा
AUGUST	न िंदी व्याक ण	Ch- 6,7	• नलिं • वचि

HALF-YEARLY EXAMINATION

MONTHS	CHAPTER	SUB-TOPICS
SEPTEMBER	PT I + PT II	Full Syllabus

PERIODIC TEST-III

MONTHS	UNITS	CHAPTERS	SUB-TOPICS
OCTOBER	आधुनिक न िंदी पाठमाला	Ch-10	• ु
NOVEMBER	न िंदी व्याक ण	Ch-8	• वथिाम
DECEMBER	आधुनिक न िंदी पाठमाला	Ch- 9	• ल िंकी दाव
JANUARY	न िंदी व्याक ण	Ch-14,16	• मु ाव े • नव ाम नचन्ह

ANNUAL EXAMINATION

MONTHS	CHAPTER	SUB-TOPICS
FEBRUARY	PT III (TOTAL) + 10% OF PT I And PT II	Full Syllabus

SUBJECT- MATHEMATICS

PERIODIC TEST- I (20 MARKS)

MONTHS	UNITS	CHAPTER	SUB-TOPICS
APRIL	Unit 1	Chapter 1 : ASQUARE AND A CUBE	1. PERFECT SQUARES 2. CUBES 3. SQUARE ROOTS 4. CUBE ROOTS 5. NUMBER PATTERNS
	Unit 1	Chapter 2: POWERPLAY	1. Exponents 2. Laws of powers 3. Scientific notation for large and small numbers
MAY	Unit 2	Chapter 3: A STORY OF NUMBERS	1. History of number system 2. Place value 3. Rational numbers 4. Indian mathematics and contribution
JUNE	Unit 2	BOOK-2 Chapter 4: EXPLORING SOME GEOMETRIC THEMES	1. Fractals 2. 3d solids and their nets 3. Projections and isometric drawings
		CH-7 AREA	1. Mensuration 2. Area calculation for triangles 3. Parallelograms 4. Trapezium 5. Composite shape
Revision for Periodic Test I (Chapter 1,2,3 4 &7)			

PERIODIC TEST- II (20 MARKS)

MONTHS	UNITS	CHAPTER	SUB-TOPICS
JULY	Unit 3 Unit 3	Chapter 4 - Quadrilaterals Chapter 6 We distribute air things multiply :	• Angle sum property of quadrilaterals, classification and properties of rectangles, squares, parallelograms, rhombuses, kites, and trapeziums • Distributive property, multiplying algebraic expressions (monomials, binomials), and standard algebraic identities: $(a + b)^2$, $(a - b)^2$, and $(a + b)(a - b)$.
AUGUST	Unit 4 Unit 4	Chapter 7 : Proportional Reasoning Chapter 5:Number Play	• Ratios, proportion, unit rates, direct variation, geometric similarity, and scaling. • Parity (even/odd rules), tests of divisibility, digital roots, cryptarithms (letter-digit puzzles), and algebraic reasoning with numbers.
		Revision for Periodic Test	II (Chapter 4,5,6, & 7)

HALF-YEARLY EXAMINATION (80 MARKS)

MONTHS	UNITS	SUB-TOPICS
SEPTEMBER	PT1 + PT2	FULL SYLLABUS

PERIODIC TEST- III (20 MARKS)

MONTHS	UNITS	CHAPTER	SUB-TOPICS
SEPTEMBER	Unit 5	Book-2 Chapter 1-Fractions in Disguise	1. Percentages as fractions, percentage increase and decrease, discount, profit and loss, tax (GST), simple interest, compound interest, and depreciation.
OCTOBER	Unit 5	Chapter 2 - The Baudhāyana–Pythagoras Theorem	1. Doubling and halving squares, areas of squares on the sides of a right-angled triangle, Pythagorean triples, and real-world applications.
NOVEMBER	Unit 6	Chapter 3 - Proportional Reasoning – Chapter 5 - Tales by Dots and Lines	● Ratios in maps and scales, dividing a whole in a given ratio, reading and drawing pie charts, and inverse proportion. ● Mean (as a balance point), median, frequency tables, dot plots, line graphs, and infographics

DECEMBER	Unit 6	Chapter 6 : Algebra play	• Algebraic number tricks, forming expressions, and logical reasoning with variables.
JANUARY	Revision for Periodic Test III (Part II Chapter 1,2,3,5 & 6)		

ANNUAL EXAMINATION (80 MARKS)

MONTHS	UNITS	CHAPTER	SUB-TOPICS
FEBRUARY	PT III+ [10 % of the questions will be from Half -Yearly Syllabus.]		

SUBJECT- SCIENCE
PERIODIC TEST - I

MONTHS	SUBJECT	CHAPTER	SUBTOPICS
APRIL	**PHYSICS**	**CH-4 ELECTRICITY - MAGNETIC AND HEATING EFFECTS**	**● Oersted experiments and magnetic fields ● Electromagnets ● Factors effecting ● Everyday application ● Earths magnetism**
	CHEMISTRY	**CH-7 PARTICULATE NATURE OF MATTER**	**● Constituent particles ● Interparticle spaces ● Historical context ● Different states of matter**

PERIODIC TEST- I (20 MARKS)

MONTHS	SUBJECT	CHAPTER	SUBTOPICS
MAY	**PHYSICS**	**CH- 5 EXPLORING FORCES**	● Force as an interaction ● Effects of force ● Contact forces ● Non contact forces

	BIOLOGY	**CH-2 THE INVISIBLE LIVING WORLD**	● **Cells and Organisation:** Cell as the basic unit of life, cell parts, variation in cell shape and size, and levels of body organisation. ● **Microorganisms:** Types of microbes (bacteria, fungi, protozoa, viruses) and where they live. ● **Role of Microbes:** Useful roles (fermentation, food production, decomposition, nitrogen fixation) and harmful effects (food spoilage, diseases)

			● Floating and sinking

	CHEMISTRY	**CH-7 PARTICULATE NATURE OF MATTER**	**● Constituent particles ● Interparticle spaces ● Historical context ● Different states of matter**
	BIOLOGY	**CH-2 THE INVISIBLE LIVING WORLD**	**Continuation**
JUNE	**Revision for Periodic Test I**		

PERIODIC TEST- II (20 MARKS)

MONTHS	SUBJECTS	UNITS	SUB-TOPICS
JULY	Physics	Chapter 6 PRESSURE WINDS STORMS AND CYCLONES	● Pressure in solids ● Pressure exerted by liquids ● Atmospheric pressure ● Formation of winds ● Thunderstorms and lightning ● Cyclones and disasters preparedness

	Chemistry	Chapter 8: NATURE OF MATTER - Elements compounds and mixtures	● Physical combination ● Types of mixtures ● Definition of pure substances ● Elements & compounds ● Mixtures vs. compounds ● Everyday and industrial applications ● Natural earth materials
	Biology	**Chapter 3: Health: The Ultimate Treasure**	● **Meaning of Health:** Physical, mental, and social well-being, balanced diet, hygiene, exercise, and lifestyle habits. ● **Diseases:** Symptoms vs. signs, acute/chronic conditions, communicable diseases (pathogens, transmission, vectors), and non-communicable diseases. ● **Immunity and Care:** Vaccines, acquired immunity, antibiotics and antibiotic resistance, and health care practices
August	Revision for Periodic Test II		

HALF-YEARLY EXAM INATION (80 MARKS)

MONTHS	SUBJECTS	UNITS	SUB-TOPICS
SEPTEMBER	Revision for Half -Yearly Exam		

HALF-YEARLY PRACTICAL SYLLABUS

SUBJECT	TOPICS
PHYSICS	**1. TO DEMONSTRATE THE CLOSED AND AN OPEN CIRCUIT.** **2. TO EXPLORE HOW A LIGHT REFLECTS OF SPHERICAL MIRROR AND REFRACTS THROUGH LENSES.** **3. TO FIND THE FOCAL LENGTH OF A SPHERICAL MIRROR .**
CHEMISTRY	**1. TO DEMONSTRATE THAT PARTICLES OF MATTER HAVE SPACES BETWEEN THEM AND MOVE FASTER WHEN HEATED** **2. TO DISTINGUISH BETWEEN A PHYSICAL MIXTURE AND A CHEMICAL COMPOUND USING IRON FILLINGS AND SULPHUR POWDER**
BIOLOGY	**1. Cell Observation:** **Preparing temporary stained mounts of onion peel(plant cells) and human cheek cells (animal cells)** **2. Observing pond water under a microscope for microbes**

PERIODIC TEST- III (20 MARKS)

MONTHS	SUBJECTS	UNITS	SUB-TOPICS
SEPTEMBER		Chapter 11: KEEPING TIME WITH THE SKIES	● Phases of the moon ● Natural cycles of time] ● Types of calendars ● Festivals related to calendars ● Astronomical phenomena ● Natural vs artificial satellites ● Space debris
	Chemistry	Chapter 9: THE AMAZING WORLD OF SOLUTE,SOLVENT AND SOLUTIONS	● Solutions and its part ● Types of solutions ● \unsaturated solutions ● Solubility ● Effect of temperature on solid solubility ● Solubility of gases ● density

	Biology	Chapter 12: How Nature Works in Harmony	● **Habitats and Ecosystems:** Biotic and abiotic components, populations, communities, and terrestrial/aquatic ecosystems. ● **Feeding Relationships:** Producers, consumers, decomposers, food chains, food webs, and nutrient recycling. ● **Ecological Balance:** Mutualism, commensalism, parasitism, competition, and human impacts like deforestation or monoculture

OCTOBER	Physics	Chapter 11: KEEPING TIME WITH THE SKIES	● Phases of the moon ● Natural cycles of time] ● Types of calendars ● Festivals related to calendars ● Astronomical phenomena ● Natural vs artificial satellites ● Space debris
	Chemistry	Chapter 9: THE AMAZING WORLD OF SOLUTE,SOLVENT AND SOLUTIONS	● Solutions and its part ● Types of solutions ● \unsaturated solutions ● Solubility ● Effect of temperature on solid solubility ● Solubility of gases ● density

	Biology	Chapter 12: How Nature Works in Harmony	Continuation

NOVEMBER		CH-10 LIGHT MIRRORS AND LENSES	● Spherical mirrors ● Characteristics of images formed by spherical mirrors ● Uses of spherical mirrors ● Laws of reflection ● Lens and its types ● Uses of lens
	Chemistry	Chapter 8: NATURE OF MATTER - ELEMENTS ,COMPOUND AND MIXTURES	● Physical combination ● Types of mixtures ● Definition of pure substances ● Elements & compounds ● Mixtures vs. compounds ● Everyday and industrial applications ● Natural earth materials
	Biology	Chapter 13: Our Home: Earth, a Unique Life u sustaining Planet	● **Life-Supporting Conditions:** Biosphere interactions with air, water, soil, and sunlight, and the role of organisms in maintaining balance.

			● **Continuity of Life:** Asexual reproduction and sexual reproduction in living organisms. ● **Threats to Life:** Climate change, biodiversity loss, pollution, and conservation
DECEMBER	Physics	CH-10 LIGHT MIRRORS AND LENSES CONTINUATION	● Spherical mirrors ● Characteristics of images formed by spherical mirrors ● Uses of spherical mirrors ● Laws of reflection ● Lens and its types ● Uses of lens
	Chemistry	REVISION OF CH-8 & CH-9	Revision
	Biology	Chapter 13: Our Home: Earth, a Unique Life Sustaining Planet	Continuation
JANUARY	Revision for Periodic Test III		

ANNUAL EXAMINATION (80 MARKS)

MONTHS	CHAPTER	SUB-TOPICS
FEBRUARY	PT3 + 10% of Mid Term Syllabus	Revision work .

ANNUAL PRACTICAL SYLLABUS

SUBJECTS	TOPICS
Physics	● To find the focal length of a concave mirror
Chemistry	● To demonstrate that air is a mixture containing carbon-di oxide using freshly prepared lime water
Biology	● ·**Habitat & Population Study:** Exploring biotic and abiotic components of two habitats and estimating organism populations using a 1 m × 1 m quadrat in a school garden

SUBJECT- SOCIAL SCIENCE

PERIODIC TEST-I (20 MARKS)

MONTHS	UNIT	CHAPTER	SUB-TOPICS
APRIL	A- India and the World: Land and The People	Chapter 1- Natural Resources and Their Use	● When does nature become a resource? ● Categories of Natural Resources ● Distribution of Natural Resources and its Implications ● The 'Natural Resource Curse' ● Responsible and wise use of Natural Resources
	B – Tapestry of the Past	Chapter 2– Reshaping India's Political Map.	● Rise and Fall of the Delhi Sultanate ● The Vijayanagara Empire ● The Mughals ●
MAY	B – Tapestry of the Past	Chapter 2– Reshaping India's Political Map.	● Resistance to The Mughals ● Administering India ● People's Lives
JUNE		Chapter 1 & 2	Revision work for PT I

PERIODIC TEST-II (20 MARKS)

MONTHS	UNIT	CHAPTER	SUB-TOPICS
JUNE	B – Tapestry of the Past	Chapter 3– The Rise of the Marathas	• Who are the Marathas? • Foundation of Maratha Power and The Rise of Shivaji • The Marathas after Shivaji • Maratha Administration • Cultural Revival
	D – Governance and Democracy	Chapter 5 – universal Franchise and India's Electoral System.	• Universal Adult Franchise • Bridging Barriers, Enabling Participation: Ensuring Universal Franchise • The Role of Election Commission of India.
JULY	D – Governance and Democracy	Chapter 5 – universal Franchise and India's Electoral System.	• Understanding Elections in India – A Brief overview • Challenges and The Road Ahead
	D – Governance and Democracy	Chapter 6– The Parliamentary System: Legislature and Executive.	• Introduction- • Composition of the Parliament of India • Executive functions of Parliament • The Judiciary – Role of Checks and Balances. • Legislative and Executive Functions at the State Level • Challenges to the effective functioning of the Legislatures
AUGUST		Chapter 3,5 & 6	Revision Work for PT II

HALF YEARLY EXAM (80 MARKS)

MONTHS	CHAPTER	SUB-TOPICS
AUGUST	Chapter -1, 2, 3, 5 & 6	Revision work

PERIODIC TEST-III (20 MARKS)

MONTHS	UNIT	CHAPTER	SUB-TOPICS
SEPTEMBER	B – Tapestry of the Past	Chapter 4 – The Colonial Era in India.	• The Age of Colonialism • Europeans in India • Enter The British • From Paradise To Hell? • Changing Landscapes •
OCTOBER	B – Tapestry of the Past	Chapter 4 – The Colonial Era in India.	• Early Resistance Movements: Challenging Colonial Authority • The Great Rebellion Of 1857 • The Legacy of European Colonialism in India •
NOVEMBER	E -Economic Life Around Us	Chapter 7 – Factors of Production	• Introduction • Factors of Production • Technology: An Enabler of Production How are the Factors Connected
DECEMBER	E -Economic Life Around Us	Chapter 7 – Factors of Production	• Responsibilities Towards Factors of Production •

JANUARY		Ch 4 & 7	Revision Work for PT III

ANNUAL EXAM (80 MARKS)

MONTHS	CHAPTER	SUB-TOPICS
FEBRUARY	Chapter -1, 2, 3, 4, 5, 6 & 7 + 10% of Mid Term Syllabus	Revision work .

SUBJECT- Computer Studies

PERIODIC TEST-I

MONTHS	UNITS	CHAPTER	SUB-TOPICS
APRIL	U-2	Database Management System	· Data and Information · Database · Database Management System · Advantages of DBMS · RDBMS
MAY	U-1	OpenShot Video Editor	· Features · Starting OpenShot Video Editor · Components of OpenShot Interface · Creating and opening a project · Importing Photos and Videos · Arranging Files on Timeline · Applying a Transition · Adding Video Effects · Moving and Slicing Clips on Timeline · Adding a Title · Exporting the video
JUNE	U-3	Structured Query Language	· Introduction to SQL · MySQL · SQL Data Types · Rules for writing SQL · SQL Commands · Student Management System

PERIODIC TEST-II

MONTHS	UNITS	CHAPTERS	SUB-TOPICS
JULY	U-5	Lists and Tables in HTML	· Lists · CSS Properties of Lists · Tables · CSS Properties of Tables · Inserting Images in a Table
AUGUST	U-6	Links and Frames in HTML	· Linking Web Pages · Audio and Video · Frames

HALF-YEARLY EXAMINATION

MONTHS	CHAPTER	SUB-TOPICS
SEPTEMBER	**PT 1 + PT 2**	**Full Syllabus**

PERIODIC TEST-III

MONTHS	UNITS	CHAPTERS	SUB-TOPICS
OCTOBER	U-8	Natural Language Processing (NLP)	· Introduction to NLP · Working of NLP · Components of NLP · NLP Tasks and techniques · Applications of NLP
NOVEMBER	U-7	Advance Python	· Loops · Iterative Statements · The 'for' Loop · The 'while' loop · Infinite loop · Using 'else' in Loops
DECEMBER	U-4	Fear of Missing Out (FOMO)	· Understanding FOMO · Looking Beyond the filter · Effects of Excessive Screen Time · Reflecting on Screen Time
JANUARY	U-9	Next Generation of Robots	· Human-like Robots · Robots Exploring the Unknown · Future Workplaces · Some Famous Indian Robots · Safety Rules for Robots

ANNUAL EXAMINATION

MONTHS	CHAPTER	SUB-TOPICS
FEBRUARY	**PT III (TOTAL) + 10% OF PT I And PT II**	**Full Syllabus**

SUBJECT - Computational Thinking and Artificial Intelligence Syllabus

PERIODIC TEST-I

MONTH	TOPICS	SUB - TOPICS
APRIL	• AI Project Lifecycle (Conceptual) • Algorithm Thinking	• Understanding stages of AI projects – Define Problem, Collect Data, Test AI Tools. • Rule-based transformations of numbers or symbols • Stepwise movement on grids, tracks, or paths with constraints • Conditional instructions (if–then, either–or, must/must not)
MAY	• AI Project Lifecycle (Conceptual) • Algorithm Thinking	• Understanding stages of AI projects – Reflect and Improve; How AI learns from patterns in data. • Sequential decision-making under given limitations • Optimization problems involving maximum or minimum outcomes
JUNE	• Deeper Dive into AI Applications • Revision	• Exploring AI in the environment, healthcare, automation, and education. • Revision Algorithm Thinking

PERIODIC TEST-II

MONTH	TOPICS	SUB - TOPICS
JULY	• Deeper Dive into AI Applications • Pattern recognition	• connecting AI systems to realworld problem-solving • Hands-on experience with simple no-code AI tools (image classifiers, chatbots & data prediction apps). • Powers, exponents, and numerical structures • Relationships across different representations of the same number • Geometric configurations and shape-based sequences
AUGUST	• Data and Fairness • Pattern Recognition	• Understanding how AI uses data • Identifying bias in datasets • Conditional patterns based on rules, constraints, or dependencies • Mixed patterns involving numbers, symbols, shapes, and movement

HALF- YEARLY EXAMINATION

MONTH	TOPICS	SUB- TOPICS
SEPTEMBER	PT1 + PT2	FULL SYLLABUS

PERIODIC TEST-III

MONTH	TOPICS	SUB- TOPICS
OCTOBER	• Data and Fairness • Abstract Thinking	• Simple strategies to ensure fairness and inclusivity. • Properties and relationships of numbers (powers, factors, remainders, divisibility) • Generalization across different number systems (decimal, binary, ternary, Roman, Chinese numerals) 26 • Spatial visualization of 2D and 3D figures, including overlaps, intersections, and transformations
NOVEMBER	• Ethics and Responsible AI • Abstract Thinking	• Recognising privacy issues, misinformation, and social impact. • Logical interpretation of symbols, codes, and operations representing numerical or algebraic ideas • Identification of essential information by ignoring irrelevant or misleading data

DECEMBER	• Ethics and Responsible AI • Decomposition	• Responsible use of AI and digital tools. • Reflection on real-world challenges • Separating given conditions, constraints, and goals • Analyzing multi-step processes such as distribution, transfers, and exchanges • Breaking numerical expressions into simpler equivalent forms
JANUARY	REVISION	• Interpreting tables, grids, networks, and diagrams with multiple dependencies • Structuring problems involving multiple variables, positions, or cases

ANNUAL EXAMINATION

MONTH	TOPICS	SUB- TOPICS
FEBRUARY	PT3(TOTAL) + 10% OF PT 1 AND PT 2	FULL SYLLABUS

SUBJECT - KAUSHAL BODH

CONTENTS	PROJECT NAME	ACTIVITY
Part 1:Work with Life Forms	Hydroponics: Growing Plants without Soil	Activity: 1 to 7
Part 2 : Work with Machines and Materials	Working with Wood and Bamboo	Activity: 1 to 7
Part 3: Work in Human Services	Creating Advertisement	Activity: 1,2,3,6,7