Content

English Language

English Literature

Chemistry

Geography

Biology

Hindi

Computer

Maths

Physics

History Civics

English Language

Lesson No.	Month	Topic	Concept	Activity
1.	April	Comprehension-1	Reading, important points, meanings, clarity	Writing skills live examples
2		Narrative Compo	an interesting incident, Some Charcacters, Suitable	experiences
			back-ground, dialogue and language.	
3.		Personal letters	Address, Date, Greetings, body of lettler, concluding	Format chart Discussion,
4.		Gram - Tenses, voice	lines uses of tenses, form of verb, voice	Rules chart.
1.	June	Comprehension-2	Reading, clarity of meanings	thinking skills Declamation
2.		Descriptive	description of some person, place orthing, describe	
		Composition	a real or imaginary person, words, actions	
3.		Complaint letters	address, space, date, space, solution, subject, body	Format chart
			of letter details of cause, explanation of effects,	
			Request	
4.		Gram - Degreess	Changes of Tense, Universal truth, Reporting verbs	
		Narration	Questions command & Request, Exclamations	Rules chart
			& wishes, formation of degrees, Inter change of	
			degrees (comparative & superlative)	
1.	July	Comprehension-3	Meanings, important points, Ques 'Ans.	thinking skills
2.		Reflective composition	Social, political and domestic topic s habits &	Writing skills
			qualities, thoughts, abstract nature.	
3.		Letters to the editor	Writer;s opinion, force ful approach, strong emotions	Format of letter
			formal tone, pleasure or indignation.	
4.		Gram - Join the	releationship between the person or the thing	Live examples
		sentences, pre-positions	connection of words and sentence.	
1.	Aug.	Comprehension-4	important points, meanings, clarity	thinking skills
2.		Argumentative	reasoning, various aspects of subject, statement	speaking skills
		compositions	argument, opinions, clear conclusion	Debate
3.		Applications	Address, Date, Salutation, subject, body of letter	Format chart
4.		Gram - Transformation	Conversion, Interchange of sentences	showing examples
		of sentence		
	Sep.	Revision of syllabus	Worksheet, exercise, examples, Refrence books	Brain storming, Test
		SA-1 Exam		
1.	Oct.	Comprehension –5	Reading, meanings, Ques/Ans.	thinking skills
2.		Story writing	dramatic events, good plot, purpose, tone, title	Speaking skills - story
			theme, violent action	presentation.
3.		Job Applications	Address, subject, Date, Content, salutation	model of Application
4.		Gram - Misc. Grammar	various exercise give, Instructions, examples	live examples, pictures
		exercises		
	Ī	l		

Lesson No.	Month	Topic	Concept	Activity
1.	Nov.	Picture composition	Varifying scene, creating story describe	Analysis of picture,
2.		Re flective & Argumen-	Topics. nature, thoughts, reasoning, opinion,	character writing skills
		tative compositions	Arguments, clear conclusion.	
1.	Dec.	Comprehension - 6	Understanding, Content meaning Ques./ Ans.	thinking skills
2.		Personal letters	freedom of words, language, Address, salutation,	
			body of letter concluding lines.	Speaking skills
3.		Narrative & Descriptive	incident, some characters, dialogue, description	eloquet (2 groups)
		composition	of scene, incident of person or thing	
4.		Gram - Misc Grammar	solving exercises, examples, understanding	Live examples
		exercises	practising	
1.	Jan.	Comprehension - 7	understanding meanings, solving exercise	thinking skills
2.		Complaint & Editorial	Address, presentation of words, body of letter,	
		letters	concluding lines, subject salutation.	Format chart, Rules
3.		Gram - Misc. Gram	Solving exercise, understanding rules	examples
	Feb.	Revision	Worksheet, exercises, Reference Book	Brain Storming, Test.
	Mar.	Exams	SA-2 Final Exams	

Unit Test-1 (20 Marks)

Composition 10m
 Grammar 10m

Unit Test-2 (20 Marks)

Letter writing 10m
 Grammar 10m

SA-1 / SA-2 (80 Marks)

Composition
 Letter
 Comprehension
 Grammar
 Mathematical Street
 Gomposition
 Mathematical Street
 M

Paper Style

Paper Style for Unit Test -1

Q.1 Composition (out of two (any one)

i. Narrative ii. Descriptive

Q.2 Grammar

i. Transformation 5m

ii. Narration, Degrees 5m

Application / Personal letter Q.2 Grammar Join the sentences with out using and, but, or so. 5m ii. Fill in the blank, with correct form of word given in brackets & Fill in prepositions 10m Paper Style for SA-1 & SA-2 (80 marks) Q.1 Composition (350-400 words) out of five any one. 25m i. Narrative ii. Descriptive iii. Reflective Argumentative ίV. Picture composition V. Q.2 Write any one letter out of two 10m Formal and Informal letter Q.3 Comprehension 25m Q.4 Grammar 20m i. Transformation 05m ii. Narration 05m iii. Fill with correct form of word from bracket 05m Fill with appropriate words 05m İV. Note: Type of Questions are subject to change for all the paper style.

10m

Paper Style for Unit Test -2

Q.1 Letter writing anyone out of two

English Literature

Lesson No.	Month	Topic	Concept	Activity
Poem 1	Apr.	Where themind is	Importance of knowledge / education and freedom	Works of Rabindranath
		without fear		Tagore, his participation
				in freedom struggle.
Story 1		India's Heroes	Inspiring story of our martyrs people (heroes) who	Collect information of our
			died in terrorist attack in mumbai on 26th Nov., 2008	Indian heroes & their
				sacrifices.
Story 3		Hunger	Hunger asthe Dictator, invisible power that rules	Live examples of peoples
			over the lifes of peoples	who struggle to earn a
				living for their families
Poem 2		The inchcape Rock	References from history	Group Discussion - moral
Peom 3	Jun.	In the Bazzars	Life and works of sarojni Naidu, glimpes of the	Recitation
		of Hyderabad	social and cultural life of the Hyderabad city.	Analytic work of poem
Story 2	July	Journey by Night	Adventerous life in Junglesand creatures,	Live examples on
			graphic details	dangerous encounters in
				the hill & forest.
Drama		Play - Act I (SC-I,II)	Intro of characters, their personalities, atmosphere	Role Play
			background.	
	Aug.	Act I (SC-III)	References from Bible, Construction of play, racial	Role paly of the characters
		Act II (SC -I to VI)	and religious differences, social barries, prejudice	
	Sep.	Revision	Worksheet, Refrence book SA-1 Exam	Brain Storming
Story 4	Oct.	My lost Dollar	Personal experience, attitude towards borrowing	Make Album - Currencies
			and lending of small sums, arguments, hints advice	ofdifferent countries.
Drama		Play - Act II (SC-VII-IX)	Suitor's test in fortune game, portia's full fillment of	Role play of the characters
			his father's will.	
Poem 4	Nov.	A small pain in my chest	heroic deeds, tribute to soldiers, based on the war	discussion on "Effects of
			in vietnam, no glory in war, sacrifices	war" "Life of a soldier"
Drama		Play-Act III (Sc I-V)	tragic elements, revenge plan, winner of fortune	Role play
			game, marriage, final trail room, themes of loyalty	
			friend.	
Story 5	Dec.	God lives in Panch	Justice wins against heavy odds, Truth evershines	collect relevent information
			power to awaken the conscience, responsibility	of formation and functions
				of Panchayat (Gram)
Poem 5		The Professor	English language, skills with faults, satire, irony	Debate - "Are our Indian
			and sarcasm, exaggerated typical style of Indian	values changing day by
				day say for or against.
Story 6	Jan.	The last leaf	Power of love, strength and determination to do	Story writing based on
			extra ordinary things and sacrifices	true love, strength and
				determination, friendship.
Poem 6		Stopping by the woods	bonding between human and nature, Natural	Speaking skiils - on
		in the Snowy evening	detail, harsh & difficult winter in New Hampshire	conservation and
				measures to save greenery
	Feb.	Revision	Worksheet / Reference Book	Brain storming
	March	Revision	SA - 2 Final Exams	

Unit Test-1 (20 Marks)

- 1. Poem 1
- 2. Stoy 1

Unit Test-2 (20 Marks)

- 1. Peom 4
- 2. Story 4

SA-1	(80 Marks)	SA-2	(80	Marks)

- Peom 3
 Story 5
 Story 2
 Poem 5
 Story 3
 Story 6
- 4. Peom 2 4. Poem 6
- 5. Drama Act I (SC-I to III) 5. Drama Act II (SC-VII to IX)
 Act II (SC-I to VI) Act III (SC-I to V)

Paper Style

Paper Style for Unit Test -1 & 2

Q.1 Read the extract and answer the questions that follows	10m
Q.2 Long Answer	10m

Paper Style for SA-I and SA-II (80m)

Attempt 5 questions in All

Section - A (Drama)

Q.1 Extract	16m
Q.2 Extract	16m

Section - B (Poetry)

Q.1 Extract	16m
Q.2 Extract	16m

Section - C (Stories)

Q.5 Extract	16m
Q.6 Long Answers	16m

(Each extract will contain 5 questions four questions -3 marks, one ques -4 marks)

Note: Type of Questions are subject to change for all the paper style.

CHEMISTRY

Lesson No.	Month	Topic	Concept	Activity
1.	April	Ch.1 Matter and its	Explanation of change of state of matter on the	1. Particle distance in solid,
		composition	basis of kinetic theory of matter.	liquid, gases.
			• Law of conservation of mass.	2. Reaction of Nacl+AgNo ₃ .
		Ch-6 Water	Water as a compound and as a universal solvent	1. Experiment showing
				dissolved solids in water
			Its physical and chemical properties	2. Solvent, Solute and
				solution preparation
			• Solutions	3. Preparation of saturated
				solutions.
2.	June	Continue	The behaviour of gases under changes of	1. Numericals
			temperature and pressure.	
		Ch. 2 Study6 of Gas	• Boyle's law	
			Charle's law	
			Gas Equation	
			Relationship between units	
3.	July	Ch.3 Elements,	General characteristics and differences	1. Homogeneous and
		compounds and mixtures		Heterogeneous mixture
			Types of mixtures	2. Filter sand from water
			Separation method :-	3. Separation of 'NaCl. and
			1. Filteration	NH ₄ CI by crystillisation
			2. Evaporation	method.
			3. distillation	4. Separation of Iron by
			4. fractional distillation	magnet.
			5. Chromatography	5. Oil + water showing
				Immiscibility.
4.	Aug.	Ch.4 The language	Symbols : Elements	1. Prepare chart showing
		of chemistry	Valency	element with symbols,
			• Radicals	atomic number, valency
			Chemical Equalions	and formulae.
				2. Numericals.
5.	Sept.	Ch-4	Continue & Revision	
6.	Oct.	Ch.9 Study of the first	• Position	1. Lab manual identification
		element Hydrogen	Characteristic	of gases.
			Preparation	
			Test and uses.	
7.	Nov.	Continue		
		Ch.10 Pollution	Acid Rain	
			Global Warming	
			Ozoned depletion	
8.	Dec.	Ch.7 Atomic Structure	Discovery of electrons, protons, Nucleus	Model of Atomic structure
			Structure of an atom	

Lesson No.	Month	Topic	Concept	Activity
			• Isotopes	
9.	Jan.	Ch. 8 Periodic table	Dobereiner's Troids	Discussion by showing
			Newland's law of octaves	periodic chart in chemistry
			Modern periodic law	lab.
			The modern periodic table	
10.	Feb.	Ch. 5 Physical and	Distictions between physical and chemical	1. Dissolution of sugar in
		chemical change.	changes.	water
			Conditions and types of chemical change	2. Burning of paper
			Energy change	3. Magnetization of Iron
			• Burning	4. Rusting of Iron.
11.	March	Continue		
		and Revision.		

Unit Test-1 (20 Marks)

Ch. 1 Matter & its composition

Unit Test-2 (20 Marks)

Ch. 9 Study of the first element Hydrogen

SA-1 (80 Marks)

- Ch. 2 Study of gas laws
- Ch. 3 Elements, compounds and mixtures
- Ch. 4 The language of chemistry
- Ch. 6 Water

SA-2 (80 Marks)

- Ch. 5 Physical and chemical change
- Ch. 7 Atomic structure
- Ch. 8 Periodic table
- Ch. 10 Pollution

Paper Style

Paper Style for Unit Test -1 & 2

Objective type Questions (10 M) (1 marks each)

- Fill in the blanks
- Choose the correct options.
- Answer in one word.
- Define
- Formula (molecular, chemical)
- Equations

Subjective type Questions (10M)

- Answer in short
 2M
- Differentiate 2M

 Preparation 	4M
 Properties and Applications 	2M
 Merits and Demerits 	4M
• Theory	4M
• Experiment	4M

Paper Style for SA-1 & SA-2 (80 m)

Section - I (40 m)

Compulsory question (1m, 2m, 5m)

- Multiple choice Question.
- Fill in the blanks
- Define, characteristics.
- Balancing Equation
- Explain with examples
- laws
- Formulae / Atomic numbr / valency / electronic configuration
- · Distinguish between

Section-II (40 m)

Any four) 10 marks each

- Experiment with labelled diagram
- Find out Reactants / Products from the given equation / Reaction
- Properties
- Describe in Detail
- Explain the term
- · merits and Demerits
- Application
- · What happen when

Note: Type of Questions are subject to change for all the paper style.

GEOGRAPHY

Lesson	Month	Topic	Concept	Activity
No.			·	•
1.	April	The Earth as a planet	The earth: A unique planet, Shape of the Earth size	Collect information about
			of the earth, Earth-The living planet	the earth.
2.		Geographic gird	Locating places - The grid system, parallels of	
			latitude, prime meridian, longitude and time, local	
			time and standard tiem, indian standard time, Time	
			zones, international date line, The great circle and the small circle.	
3.		Rotation and Revolution	Rotation, Revolution and its effects, effect of the	Make charts of inclination
		of the Earth	tilted Axis on Day and Night, The changing seasons	of the earth, revolution of
			A solstices and equinoxes	the earth.
4.	June	Structure of the earth	The core, The Mantile, lithosphere and the plate	Make charts and diagrams
			Tectonics, comparative study of crust, mantle and	of the interior of the earth
			core.	and collect informations
				about tectonic force.
5.		Landforms of the earth	Landforms, mountains, plateaus, plains	make model of land forms
				of the earth.
6.	July	Rocks	Rocks and Minerals, Types of Rocks, Rock cycle	Collect pictures of different
			Economic significance of rocks.	rocks and try to recognise
				them from their physical
				properties.
7.		Volcanoes	Types of volcanoes, products of volcanic Eruptions,	Make model of different
			world Distribution of volcanoes, effects of valcanic	types of volcanoes.
			Activity.	
8.		Earth quakes	Earthquakes, causes of Earth quakes, Hazardous	collect information about
			effects of earthquakes, constructive effects of earth	some major earthquakes
			quakes, Distribution of earth quakes	and discuss in class.
9.	Aug.	Weathering and	The changing Landscape, weathering, effects of	collect information about
		Denudation	weathering, gradation and its agents, Lands forms	different types of weather-
			made by wind work of River.	ing and discuss in class.
10.		Hydrosphere, Tides and	Hydrosphere, The oceans, importance of oceans,	Collect information about
		Ocean Currents	The distribution of Land and water, movements in	different major oceans of
			the ocens, effects of ocean currents.	the World discuss with
				class.
11.	Oct.	The Atmosphere	Earth's Atmosphere, Compsition of the Atmosphere	Find out the information
			structure of the Atmosphere. The ozone layer, The	about the effect of El Nino
			Green house effect and Globla warming.	on global as weather system.
12.	Nov.	Insolation	Insolation, Factors affecting the distribution of	Make figure of heat Budget
			Temperature, Heat Budget.	
13.	Dec.	Pressure Belts and types	Atmospheric pressure, Measurement of Atmosphe-	On a outline map of the
		of winds	ric pressure, Factors affecting distribution of	world, mark with arrows
			pressure, major pressure belts of the world winds.	and name the various

Lesson No.	Month	Topic	Concept	Activity
				tropical cyclone.
14.		Humidity	Humidity, Precipitation, condensation, Types of	Collect information about
			Rainfall, measurement of Rainfall.	different types of precipita-
				tion and discuss in class.
15.		Pollution & its sources	Sources of pollution - Air pollution, water pollution	Find out the percentage of
			Soil Poillution, Sources of noise pollution, Radiation	pollutants released into the
			pollution.	air by automobiles Do you
				think introduction of CNG
				is some of the cities has
				been helpful in reducing
				pollution levels ? Discuss
				in class.
16.	Jan.	Effect of Pollution	Effects of Air, water, soil, Radiation and noise	
			pollution.	
17.		Preventive Measures of	Public Transport system, No Somking zones	Class discussion on
		pollution.	saving energy, organic farming	measures of pollution.
18.	Feb.	Natural Regions of the	Natural Regions, Location and extent, climate,	Map work
		world - I	Natural vegetation, importance of Rainforests,	
			Human adaptation.	
19.		Natural regions of the	The Hot Desert or Tropical desert location extend	Map Work
		world - II	climate, Rainfall,	
			Tropical Monsoon	
			The mediterranean Region - Location and Extent.	
			climate, natural vegetation, Agriculture.	
20.		Natural Regions of the	Temperate Grassland, Tundra Region Tropical	Collect information about
		world - III	Grassland - Vegetation, Animal life and Human	Tundra Region and discuss
			Adaptation.	in class.

Unit Test-2: Ch. 11,12,13 **Unit Test-1**: Ch. 1,2,3,4 **SA-1**: Ch. 5,6,7,8,9,10

SA-2: Ch. 14,15,16,17,18,19,20

Paper Style

Paper Style for Unit Test (20 Marks)

1. Map 05 Subjective 15

Paper Style for SA-I and SA-II

Part - I

Attempt all questions from this part

Q.1 Will consist of a qauestion based on map. 20m Q.2 Will consist of short answer questions from the syllabus. 10m

Part - II (50 Marks)

Q.3 Candidates will be required to choose any five questions out of nine question. (Q3 to Q11) (Each question will carries 10m)

Note: Type of Questions are subject to change for all the paper style.

BIOLOGY

Lesson No.	Month	Topic	Concept	Activity
1.	April	2. Cell - The Unit of Life	Celle Theory	To study of plant and
1.	Дрії	2. Och - The Officer Life	Structure of cell	animal cell by permanent
			• Types of cell	slide.
		3. Tissues : Plant and	• Plant tissues	To Study of plant and
		animal tissues	• Animal tissues	animal tissues by
		dilina tissues	Auma tissues	permanent slide.
2.	June	Vegetative propagation	Artificial vegetative propagation	Study of Artifical vegetature
۷.	ounc	and micropropagation	Hybridisation	prepagration in grapevine
		and micropropagation	Biotechnology	(Jasmine)
			Transgenic organism	(Jasiffilie)
		5. The Flower	Structure of a bisexual flower & its floral parts	To study the different flower
3.	July	6. Pollination &	Pollination	To Study the germination of
J	July	Fertilization	• fertilization	pollen.
		7. Seed - structure &	• Types of germination	To study the germination
			Types of seeds	process in bean and Maize
		germination	••	process in bean and marze
		8. Respiration in plant	Kinds of respiration Functional and respiration in plant	
4	Λιια	10. Five kingdom	Experiments on respiration in plant Classification system	To study plants and spimal
4.	Aug.	10. Five kingdom calssfication	Classfication system Invertebrate	To study plants and animal
		Caissiication	Vertebrata	specimens.
5.	Sep.	10. Con& Revision	Vertebrata	
6.	Oct.	11. Economic importance	Role of bacteria in medicine agriculture & industry	To study yeast & Bread
0.	OCI.	of bacteria and fungi	Note of bacteria in medicine agriculture & muusity	mould.
7.	Nov.	12. Nutrition	Need of nutrition & balanced diet.	To study fthe presence of
7.	INOV.	12. Nutrition	• Need of Huthtion & Dalanced diet.	
				starch, protein & lipids in food.
8.	Dec.	13. Digestive system	Digestive system of human	1000.
0.	Dec.	13. Digestive system	Digestive system of numari Dentition	
		14. Movement &	Bone	To study the model of
		locomotion	Human skeletion & muscles	
9.	Jan.	15. Skin "The jack of all	Structure of skin & its derivatives	skeletion system. To study the poster of skin
9.	Jan.	Trades"	Structure of skirt & its derivatives	structure.
			• Kind of requiration	
		16. The respiratory	Kind of respiration Process of respiration	To set up an experiment to demonsrate the mechnisim
		system	- 1 Tocess of respiration	of breathing in human.
10	Eah	17 Disposes Causes 9	• Dispass caused by hastoria protogra paragitic	or breathing in numan.
10.	Feb.	17. Diseases Causes &	Disease caused by bacteria protozoa parasitic	
11	Mar	10 Woots goneration 9	worms.	Workshoot asking
11.	Mar.	19. Waste generation &	Types of wastes	Worksheet solving.

<u>Syllabus</u>

Unit Test-1 (20 Marks)

Ch. 11, 12, 14

Ch. 2,3,4

SA-2 (80 Marks)

SA-1 (80 Marks) Ch. 5, 6, 7, 8, 10

Ch. 13, 15, 16, 17, 19, 20

Unit Test-2 (20 Marks)

Paper Style

Paper Style for Unit Test -1 & 2 & SA-I & SA-II

Section - A (Attempt all questions)

(Objectives Type Questions)

- Namethe following
- · Give scientific terms
- Fill in the blanks
- True or False
- · Odd out & give category
- State function
- Mention location
- Define terms
- Differentiate between
- MCQ

Section - B

(Descriptive type Quetions)

- Digaram base question
- Draw & labeled diagram
- · Experiment set up base question
- · Give scientific reasons
- · Write short note on
- Differentiate between
- · Describe process

Paper Style for Unit Test -1 & 2

Section -A (10 Marks) (Attempt all questions)

Ojectives type questions

Section -B (10 Marks) (5+5)

(Attempt any one questions from two)

Descriptive type questions

Each question has two sub parts like (a) & (b)

Each question shall cary 10 marks (5+5)

Paper Style for SA-I & SA-II

Section -A (40 Marks) (Attempt all questions)

Ojectives type questions

Section -B (40 Marks) (5+5)x4)

(Attempt any four questions from six questions)

Descriptive type questions

Each question has two sub parts like (a) & (b)

Each question shall cary 10 marks (5+5)

Note: Type of Questions are subject to change for all the paper style.

HINDI

Lesson No.	Month	Topic	Concept	Activity
₹.	अप्रैल	गद्य - बात अठन्नी की	भ्रष्टाचार जैसी बुराईयों की जानकारी छात्रों को देना	पात्र अभिनय
		(पत्र मुहावरे विशेषण)	उसे दूर करने का संकल्प लेना	मुहावरों का खेल
٦.	जुन	साखी (पद्य)	कबीरदासजी की जानकारी छात्रों को देना	दोहो का स्वर वाचन
		निबंध - पत्र	निबंध तथा पत्रों के प्रारुप के बारे में छात्रों को बताना	पत्र - लेखन
₹.	जुलाई	पद्य-गिरिधर की कुंडलियाँ	नैतिक शिक्षा की जानकारी कुंडलियों द्वारा अर्थ	कुंडलियो का गायन
		भाववाचक संज्ञा,	समझाकर दी जाएगी ।	
		समानार्थी , विलोम	खेल-विधि द्वारा शब्दो की सूचि	शब्दों का जाल
	अगस्त	संस्कार ओर भावना	संस्कार और भावनाओं का तालमेल, तथा मानव	पारिवारिक वाद विवाद
		(एकांकी) उपसर्ग-प्रत्यय	प्रकृति को विभिन्न उदाहरणों द्वारा समझाया जाएगा।	
		अपठित गद्यांश		
	सितंबर	काकी (गद्य)	मातृ-वियोग की पीड़ा के बारे में उसके महत्त्व के	माँ के बारे में लेख लिखना
		पत्र	बारे में, छात्रों को विस्तारसूचि बताया जाएगा ।	
	अक्तूबर	निबंध - पत्र	पत्र का प्रारुप, निंबध	अभ्यास कार्य
	नवंबर	महायज्ञ का पुरस्कार	मानव सेवा ही सबसे बड़ा महायज्ञ है, जीवों के	वाद-विवाद
		(काव्य)	कष्टों का निवारण ही हमारा धर्म है, इसका उल्लेख	
		निर्देशानुसार वाक्य	किया जाएगा ।	
		परिवर्तन		
	दिसंबर	स्वर्ग बना सकते है-पद्य	धरती पर मानवता और समानता के रहस्य को बताया	कविता लेखन
			जाएगा ।	
		नेताजी का चश्मा - गद्य	देश भक्ति की भावना छात्रों में लाने का प्रयास इस	नेता सुभाषचंद्र की तसवीर
			पाठ द्वारा किया जाएगा ।	बनाना ।
		वह जन्म भूमि मेरी	देश भक्ति की भावना का विकास	भारत भूमि पर चर्चा
		-कविता		
	जनवरी	मेघ आए - पद्य	मेघो के आने पर लोगो मे छाया हर्षल्लास का वर्णन	बारिश - का चित्र
			होगा ।	
		बहू की विदा - गद्य	दहेज न देने पर बहू की कैसी हालत होती है, इसके	दहेज-प्रथा पर वाद-विवाद
			पर उपर चर्चा की जाएगी ।	
	फरवरी	अपना अपना भाग्य-गद्य	दुनिया में लोगो की सोच, उनके भाग्य, परिश्रम पर,	लेखन कार्य
			उनके विचार, इस विषय को समझाया जाएगा ।	
		बड़े घर की बेटी - गद्य	एकल परिवार तथा संयुक्त परिवार की व्याख्या की	पारिवारिक विषयो पर चर्चा
			जाएगी ।	
		सूर के पद - पद्य	वात्सल्य और श्रृंगार रस का वर्णन	सूरदास के बारे में चर्चा ।
	<u> </u>			

पाठ्यक्रम

युनिट टेस्ट - १

निबंध, पत्र, अपठित गद्यांश

युनिट टेस्ट - २

SA-1

- L बात अट्टी की, साखी, गिरिधर की कुंडलियाँ, संस्कार और भावना ।
- G निबंध, पत्र, विशेषण, मुहावरे विलोम समानार्थी, अपठित गद्यांश ।

SA-2

- L नेताजी का चश्मा, बहू की विदा, अपना-अपना भाग्य, बड़े घर की बेटी, मेघ आए, सूर के पद
- G निबंध, पत्र, अपठित गद्यांश, निर्देशानुसार वाक्य परिवर्तन, उपसर्ग प्रत्यय ।

पेपर स्टाईल

युनिट टेस्ट - १		युनिट टेस्ट - १
निबंध	१०	प्रश्न - अवतरणों को पढ़कर प्रश्नों के उत्तर लिखे — २०
पत्र	०५	
अपठित गद्यांश	०५	

SA-1 - 2

भाग - क

 १. निबंध लिखे
 १५ (पाँच में से एक)

 २. पत्र लिखे
 ७ (दो में से एक)

 ३. अपठित गद्यांश
 १० (एक अनिवार्य)

४. व्यावहारिक व्याकरण ०८ (अनिवार्य)

भाग - ख

अवतरणों को पढकर प्रश्नों के उत्तर लिखे ४०

(छह अवतरणों में से चार)

Note: Type of Questions are subject to change for all the paper style.

COMPUTER

Lesson No.	Month	Topic	Concept	Activity
1.	April	Ch. 6 Word Processing-I	Features of word Processing, Creating, opening,	Create a word document of
		· ·	saving, closing and exiting, Ms-Word; Different	Ch-1 (2 pages)
			views of Documents in Ms word, Editing, and	and add any table in this.
			formatting a Document, Selecting text wtih keyboard	
			and mouse; Movement of cursor using keyboard	
			Cut, copy, paste; chagne case, paragraph allignment,	
			line spacing; find and replace; spelling and grammar;	
			Insertign page number, pictures from files; Print	
			preview of a document and printing a document.	
		Ch.7 Word Processing-II	Formatting text with style; modifying and deleting	format text in above
			style; Changing text Direction; Auto Correct; Tab	document add footer,
			setting, Bullets and numbering; superscript and	header, page number,
			subscript, adding borders	
			shading, Header footer; Paragraph spacing, setting	page break etc.
			and Indentation; Page setting landscape and protrait	
			page style and margin, page break, table-creation	
			and modification in MS-Word, inserting and deleting	
			rows and columns; Merging and splliting	
			cells; table autoformat, calculations in a table;	
			sorting of data; protecting document, Mail Merge.	
2.	June	Ch. 1, Introduction to the	Hardware, Software, System Software, Application	Group Discussion
		Operating System	software, firmware, single user OS, Multi user OS,	
			MS-DOS, Booting instatllation of Language software	
			and Peripherals.	
		Ch. 8 Multimedia	Exploring powr point windows, different tabs on	Create a PPT on Advant-
		Presentation-I	ribbon, planning and creating a presentation, using	ages of computers in our
			installed designed thems, new from existing	life.
			presentation, creating text box in a silde, font	
			formatting, inserting, moving and re-sizing a clipart	
		Ch 0.2 Multimodia	image, Saving and closing a presentation.	Apply offert in above DDT
		Ch. 9 ? Multimedia	Format Background systels, Smartart, opening a	Apply effect in above PPT.
		Presentation-II	slide presentation-inserting, copying, moving, hiding	
			deleting slides, header and footer, notes page view Embedding audio and recording dialog, adding	
			sound and music; powerpoint, normal, silde sorter,	
			outline, slide show view, custom animation, deleting	
			editing animation effects, slide transition, printing, a	
			slide, Graphs in MS-Power point, integrating	
			presentation with Ms-word, integrating presentation	
			with internet.	
3.	July	Ch.2 Graphical user	Windows OS, Desktop and its components, Arra-	Changing mouse arrow,
		r 11 333	,,	<u> </u>

Lesson No.	Month	Topic	Concept	Activity
		interface	nging icons on desktop, control panel, recycle bin	arranging icons on desktop
			start button, task bar, search box, creating a folder,	removing items from
			renaming and deleting a folder, short cut creation	on recycle bin.
			on desktop, Handling multiple windows.	
	July	Ch.5 Compuiting and	Ethical issues in computating, intellectual property	Group Discussion
		ethics	right, Data protection, spam, software piracy, Cyber	
			crime and its prevention, cyber laws, advantages of	
			cyber laws, protection against malicious code.	
4.	Aug.	Ch. 3 Introduction to the	Computer Network - LAN, MAN, WAN, internet,	Find out which type of
		world of internet.	internet protocol, transmission control protocol,	network is use in our lab.
			internet service provider, modem, server, world	
			wied web, web browser, connecting websites, file	
			transfer protocol.	
		Ch. 4 Internet and email	Online chatting video conference, online shopping,	Debate on advantages and
		services.	sending messages, live television, getting emplo-	disadvantages of various
			yment, opportunities, uploding and downloading	applications of internet.
			information, Banking (e-commerce), e-reservation,	
			social netweorking, electronic mail.	
5.	Sep.	Ch. 10 Spreadsheets-I	Features and components of spreadsheet; Types	Creating a worksheet of
			of Data, working with an existing workbook/work	students marks.
			sheet, entering data, edting data, saving data in	
			worksheet, creating new workbook, marking range,	
			extending selection, selecting split range; cut, copy	
			paste, inserting and removing worksheet, changing	
			rows and columns, formating numeric values cells,	
			formatting, Autosum feature.	
	Sep.	Revision		
6.	Oct.	Ch. 11, Spreadsheets-II	Autofill in a worksheet, cell references, relative	Sort the above list on basis
			referncing, mixed referencing, simple statistical	of total marks.
			functions, mathematica statical function, conditional	
			formatting, sorting of data values, filter data; charts:	
			creating a chart in MS-Excel, editing chart, Inserting	
			a chart into a word document.	
		Ch. 12 Database	DBMS, creating database, creating table using	Creating a student data
		package-I	database sheet, using design view, field types or	base and store marks of 5
			data types, entering the field name, defining primary	subjects of all them.
			key, entering data in table, different views of table,	
			creatign database using template, inserting deleting	
			working on existing table.	
7	Nov.	Ch. 13 Database	Creating queries, sorting queries, queries with	Perform some queries on
		package-II	criteria, forms in MS-Access, creating a form,	student table, Create one
			searching a record relationship, types of relation-	more table and establish

Lesson No.	Month	Topic	Concept	Activity
			ship, one to one, many to one, many to many, creating a relationship, report generation, creating a report by using wizard, printing, a report, mailling labels, working with multiple database, importing, linking data, object linking and enbedding.	relationship between the
		Ch. 14, Elementary	Features of OOPs, Pinciples of OOP. classes,	Give real world examples
		concept of object and	abstraction, encapsulations, inheritance, polymor-	of all the features.
		classes	phism, data hiding.	
8.	Dec.	Ch. 15 History and	Features of data, compilation, interpretation, virtural	Make list of various reserve
		development of java	machine, java libraries, java reserved words, types	words with its use.
			of java programs, comment sysmbols in java programming output statement in java programing, execution of java program.	
		Ch. 16, Values and Types	Data Types, Tokens, types of tokens Literals,	Group discussions
			identifiers, assignment, variables, punchuators,	·
			operators, seperators, data types primitive, non	
			primitive, mixed expression, type conversion,	
			Implicit, Explicit, Functions for mathematical	
			calculations.	
9.	Jan.	Ch. 17 Operations and	Operations, types of operators, arithmetical,	use of various operators
		Expressions in java	relational, logical, ternary, nestrd ternary operators,	in programming.
			bitwise operators, functions/ methods, components	
			of methods, types of methods, pure, impure; class	
			needs of class, defining a class, creating a class,	
			access specifiers, constructor, cunstructor	
			overloading.	
		Ch. 18 Conditional	Java programming using - assignment statement,	Practicals on taking input
		statements in java	function argument, stream classes, input by using	from users and use of
			Scanner class, import system package, Tokens in	switch case.
			text line, decision making in java, Bi-directional	
			brandching switch case / menu driven program/	
			user's choice, testing and debugging types of	
			errors, syntax, logical and run time error.	
10.	Feb.	Ch. 19 Iterations through	Fixed iterations, use of break and continue; nested	practicals on patterns
		loops	loop, unfixed iterations, use of break and continue	
			in while and dowhile loop	
		Revision		

Unit Test-1 (20 Marks)

Ch. 6,7,8

Unit Test-2 (20 Marks)

Ch. 10,11,12

SA-1 (80 Marks)

Ch. 1,2,3,4,5,9

SA-2 (80 Marks)

Ch. 13,14,15,16,17,18,19

Paper Style

Paper Style for Unit Test -1 & 2

Pratical 10m Viva 10m

Paper Style for SA-1 & 2

MCQ 10m
Practical based blanks 10m
Short Answer questions 20m
Long Answer questions 30m
Practical rgarding questions 10m

(Error correction / shsort emplimentation / coding)

Note: Type of Questions are subject to change for all the paper style.

MATHS

Lesson No.	Month	Topic	Concept	Activity
1.	Apr.	Ch-1. Rational and	1. Rational Numbers, Operations on Rational	Sprial root Construction
		irrational Numbers	Numbers and properties of Rational Numbers	
			2. Irrational Numbers, Operations on irrational	
			Numbers and properties of irrational Numbers.	
			3. Surds and Rationalization of Surds.	
		Ch-15. Frequency	1. Data and Related Terms, collection of data and	Collect the data of minimum
		Distribution	presentation of data.	and maximum temperature
				of 7 days and write it down
				in table form.
		Ch-16. Mean & Median	Find median of an ungrouped data. Find mean for	
		of Ungrouped data and	ungrouped frequency distribution by	
		frequency polygon		
			1. Direct method.	Collect the data from daily
			2. Assumed mean method frequency polygon	life and calculate its mean.
		Ch-3 Expansions	1. Expansions (a <u>+</u> b)² ,(a+b+c)²	Expansion of identity
		·	2. Expansions (a+b) ³	(a+b+c) ²
			3. Expansion (x±a) (x±b) Factorization by taking out	,
			the common factor Factorication by grouping	
			Diffrence of two squares and sum and diffrence of	
			cubes.	
2.	June	Ch-4. Factorization	Factorization of trinomials (By splitting the middle	Group Discussion
			term)	
		Ch-7. Logarithms	Logarithmic forms, exponential form: interchanging	Group Discussion
			Laws of Logarithms and its use.	
		Ch-6. Indices	Laws of Indices	Group Discussion
3.	July	Ch-5 Linear Equations	Linear Equations and simaltaneous linear	Group Discussion
		and simaltaneous linear	equations - (a) Solving algebrically and graphically	
		equation	(b) Solving simple problems based on these by	
			framing appropriate formulae.	
		Ch-10. Pythagoras	Proof & Simple application of Pythagoras Theorem	Group Discussion
		Theorem	& its converse.	
4.	Aug.	Ch-8. Triangles	Triangle, types of Triangle, Congurrence of triangles,	Practical Activity
		Ch O Mid Doint and	Inequalties, Construction of Triangles.	Croup Discussion
		Ch-9. Mid Point and	Proof and simple application of mid point theorem	Group Discussion
		intercept Theorem	& its converse, Equal Intercept Theorem proof &	
5	Son	Pavision (SA 1)	simple application.	
5. 6.	Sep. Oct.	Revision (SA-1) Ch-2. Compound interest	Important terms, To find CI when interest is	Group Discussion
0.	OCI.	On-2. Compound interest	compounded annually, semi-annually & quarterly	Group Discussion
			Growth & Deprication.	

Lesson No.	Month	Topic	Concept	Activity
		Ch-11 Quadrilaterals	Quadrilateral & related terms, Results on parallelogram, rectangle, Rhombus & square, Construction of quadrilaterals.	Constructions
		Ch-12 Areas of Parallelo grams and Triangles.	Fundamental Concepts, Area Axioms, Results on area of polygon regions.	Quiz
7.	Nov.	Ch.13, Chord properties of a circles.	Circle, Terms and Facts related to-circle, chord properties of a circle, Arc Properties of a circles.	Group Activity (Quiz)
		Ch.14 Arc properties of a circels	Results on equal arcs.	Group discussion
8.	Dec.	Ch-17 Perimeter and Area of Plane figures Ch-18 Circumference & Area of Circles.	Perimeter & Area of (i) Triangles (ii) Different types of Quadrilaterals Circumference & Area of Circles	Group Activity Group Activity
9.	Jan.	Ch-20 Trigonometrical Ratios Ch-21 Coordinate Geometry	Trigonometric Ratios, T-Ratios of 0°, 30°,45°,60° & 90°, T - Ratios of complementary angles, Simple 2-D problems. Cartesian system & related terms, plotting of points Graphs of linear equations, solving simaltenous, Linear Equations.	Prepare a table for different angles Graphs
10.	Feb.	Ch-19 Volume & Surface Areas of solids	Surface Areas & Volume of (i) cube, (ii) cuboid, (iii) cyclinder, Relation between various units of volume, Cross Section.	Group Activity (Quiz)
11.	March	Revision (SA-2)		

Unit Test-1 (20 Marks)

Ch. 1,3,15

Unit Test-2 (20 Marks)

Ch. 2,13,14

SA-1 (80 Marks)

Ch. 4 to 10,16

SA-2 (80 Marks)

Ch. 13,14,17 to 21

Paper Style

Paper Style for Unit Test -1 & 2

Q.1 Choose the correct answer from the following given options.
Q.2 Do as Directed
Q.3 Solve
4x1=4
5x2=10
2x3=6

Paper Style for SA-1 & 2

The paper will be divided into two sections, section 1 (40m), section 2 (40 m)

Section A: It will consist of compulsary 4 questions, Each question carries 10m 4x10=40

Section B: Students will be required to answer 4 our of 7 questions, Each question carries 10m 4x10=40

Note: Type of Questions are subject to change for all the paper style.

Physics

			•	
Lesson No.	Month	Topic	Concept	Activity
1.	April	Measurements and experimentation	System of units and units in SI system, Fundamental and derived units, measurement of length using vernier callipers and screw gauge, simple pendulum	Measurement of length using vernier callipers and screw gauge.
2	June	Motion in one Dimension Laws of motion	Scalar and vector, Distance, displacement, speed, velocity, uniform & non uniform speed, uniform & non uniform velocity, average speed & average velocity, instaintantancous velocity, acceleration, graphical representation of linear motion, equation of motion, graphical derivation of equation of motion. Force, types of force, contact and non contact forces,	Daily life examples related with nest and motion, acceleration Daily life examples to
			Newton's laws of motion, Inertia, linear momentum, Impulse, Newton's universal law of gravitation, difference between mass and weight, gravitational unit of force, relation between g and G.	explain newton's laws of motion.
3.	July	Pressure in fluids and atmospheric pressure	Thrust, pressure, pressure in fluids, Pascal's law for the transmission of pressure in liquids, hydraulic machines hydraulic press, hydraulic jack, hydraulic breaks, atmospheric pressure, simple barometer aneroid and fortin barometer.	Experiment to demonstrate atmospheric pressure, Experimental demonstration liquid pressure.
4.	Aug.	Upthrust in fluids, Archimedes' principle and floatation	Buoyancy and upthrust, Archimedes' principle, condition for sinking and floatation and its applications.	Experimental verification of Archimedes principle
5.	Sep.	Revision		
6.	Oct/Nov.	Propagation of sound waves.	Sound waves, propagation of sound in a medium speed of sound in different media, factors affecting speed of sound, infrasonic and ultrasonic frequencies.	Reflection of sound wave using plane mirror and hollow pipe.
7.	Dec.	Heat and energy Reflection of light	Heat, Temperature, Thermal Expansion, Thermal expansion-linear, superficial and cubical expansion, relation between α, β, γ , anomalous expansion of water, Hope's experiment, renewable and non renewable sources of energy, green house effect and global warming, energy flow and its importance. Reflection of light, regular and diffused reflection, laws of reflection, Image formation by plane mirror, lateral inversion, image formation in a pair of mirrors, image formation by spherical mirrors, uses of spherical mirrors, Sign convention for the measurement	Daily life examples related with expansion in solids and liquids. Image formation using plane, convex and concave mirror.
8.	Jan.	Current electricity	of distances, mirror formula and numerical problems. Electric current, primary and secondary cell, open and closed circuit, potential and potential difference, Resistance, Fectors affecting resistance, Resisitivity factors affecting resistivity.	To complete a circuit using voltmeter, ammeter, resistance and verify ohm's law.
9.	Feb.	Magnetism	Properties of magnet, magnetic field, lines of magnetic field, induced magnetism, magnetic field of Earth, neutral points.	To draw magnetic lines of a bar magnet.

Unit Test-1 (20 Marks)

Ch. 1

Unit Test-2 (20 Marks)

Ch. 8

SA-1 (80 Marks)

Ch. 2,3,4,5

SA-2 (80 Marks)

Ch. 6,7,9,10

Paper Style

Paper Style for Unit Test -1 & 2

Q.1 Answer in short (Definition unit or formula based) (10 questions of 1 mark each)

Q.2 Answer the following (Diagram based of Define terms) (4 questions of 2.5 mark each) 10m

Paper Style for SA-1 & 2

Attempt all question from section I and four questions from section II.

Section-I (40 marks)

Total four question having five parts in each. Each pat carries 2 marks

(Numericals, Define terms, concept based, diagram based questions)

Section-II (40 marks)

Overal 6 questions from which 4 questions have to be attempted. Each question has three parts and carries 10 marks overall.

(Numericals, Define terms, concept based, diagram based questions)

Note: Type of Questions are subject to change for all the paper style.

History Civics

Civics

Lesson No.	Month	Topic	Concept	Activity
1.	Apr.	Our Constitution	Definition of the Consitituion	Class Discussion
			Date of adoption	Brainstorming
			Date of enforcement	Explanation
			Its Significance.	
2.	June	The Salient Features of	Feature, Single Citizenship, Universal Adult	
		our constitution	Franchise, Fundamental Rights and Fundamental	
			Duties.	Brainstorming
			Directive Principles of State Policy (Meaning)	Explanation
			Welfare State	
3.	July	Fundamental Rights and	Fundamental Right and Duties	Brainstorming, discussion,
		Fundamental Duties.		Explanation.
4.	Sep.	Directive Principles of	Directive Principles of State Policy (Meaning)	Discussion Explanation
5.	Nov.	Elections	Meaning: Composition of Election Commission	Brainstorming Discussion
				Explanation
			Direct and Indirect Election, General Election, Mid	Conducting Elections
			term Election and By-election.	
6.	Dec.	Local Self Goverment	Rural: Three tier system of panchayati Raj-Gram	Brainstorming Discussion
		(Rural)	Panchyat, Panchayat Samiti, Zila Parishad their	Explanation
			meaning and function.	
7.	Jan.	Local Self- Goverment	Urban: Municipal Committees and Municipal	Brainstorming Discussion
		(Urban)	Corporation - Meaning and Functions.	Explanation.

History

Lession No.	Month	Topic	Concept	Activity
1.	April	The Harappan Civilzation	The Beginning of the civilization Chief Features of the Harappan Civilization.	
			End of the Indus valley Civilization	Collection of data
				Discussion Explantion
2		The vedic - Period	The coming of Indo - Aryan Archaeological Sources Iron and Pottery	
			Early Vedic Age	Brainstorming
			Social, Economic and Political life later vedic AGE	Discussion Explanation
			Changes in society and political Life	
			The impact of Aryan Civilzation.	
3.	June	Rise of Jainism and	Jainism and Buddhism (the birth of new religious	
		Buddhism	sects)	
			Life of Mahavira, Main beliefs and teachings of	
			Mahavira	
			Impact of Jainsim	Brainstorming
			Life of Buddha, the great, Renunciation, Enlighten-	Explanation
			ment Teachings of Lord Buddha, eight fold paths.	
4		The Mauryan Empire	Ashoka, The Great, Extent of Ashoka's Empire	Brainstorming
			Mauryan Administration Causes of downfall of the	Discussion
			Mauryan Empire.	Explanation
5.	July	The Sangam Age	The Sangam Literature Inscription	

Lession No.	Month	Topic	Concept	Activity
			Society and Economy Economic Life religion,	Discussion Explanation
			Education and literature and Recreation.	
6	Aug.	The Age of the Guptas	The Imperial age of the Guptas	Brainstorming
			Chandragupta-1, Samudragupta-1, Chandragupta-2	Discussion
			The last days of the Gupta Empire Golden age of	Explanation
			Indian Culture.	
7.(a)	Sep.	Medieval India (The	The three kindoms of South india	
		Cholas)	The Cholas	
			Downfall of Chola's	Brainstorming
			The Chola Polity	Discussion
			The Chola Society and Culture	Explanation
7. (b)	Oct.	The Delhi Sultanate	Qutbuddin Aibak (AD1206-1210)	
			Literary sources about the historyu of	
			Delhi Sultanate	
			Polity or the Political Structures under the Delhi	Brainstorming
			Sultanate.	
			Main features of Indo - Islamic Architecture under	Discussion Explanation
			Delhi Sultanate.	
8. (a)	Nov.	The Mughal Empire	India on the eve of Babur's Invasion	
			Chronological order ofthe Mughals Causes for the	
			decline of the Mughal Empire Impact of Mughals	Brainstorming Discussion
			on Religion, Art, Architecture and Literature.	Explanation.
8. (b)	Dec.	Composite Culture	Sufism and Bhakti Movements Identical Principle of	Brainstorming
			Sufism and Bhakti Movement	Discussion Explanation
			The Main Bhakti Saints Christianity in India.	
9. (a)	Jan.	The Modern AGE in	Meaning of Renaissance and its features	
		Europe (Renaissance)	Causes of Renaissance	
			Impact of Renaissance on Art Painting, Sculpture	Brainstorming Discussion
			Impact of Science	Explanation
9. (b)	Feb.	The Reformation	Causes leading to Reformation	Brainstorming
			Impact of Reformation of Europe major impact	Discussion
			of Mercantilism.	Explanation.
9. (c)	March	Industrial Revolution	Meaning of industrial Revolution	Brainstorming
			Industrial revolution in other countries	Discussion
			Industrial revolution in England	Explanation
			impact of Industrial Revolution	

Unit Test-1 (20 Marks)

Ch. 1 & 2 (civics) 1 & 2 (History)

Unit Test-2 (20 Marks)

Ch. 5 & 6 (civics) 7 b & 8 a (History)

SA-1 (80 Marks)

Ch. 3 & 4 (civics) 3 to 7 a (History)

SA-2 (80 Marks)

Ch. 7 (civics) 8 b to 9 a,b,c (History)

Paper Style

Paper Style for Unit Test -1 & 2

Q.1 Short answer question (10 question)Q.2 Answer the question in detail (any 1)10m

Paper Style for SA-1 & 2

Part -1 (30 Marks)

Section-1

Q.1 10 Question of 1 marks each (Civics)Q.2 10 Question of 2 marks each (History)20m

Part-2 (50 Marks)

Section-A Civics

Attempt any 2 question from this section

3 questions having 3 parts of 3,3 & 4 marks 20m

Section-B (History)

Attempt any 3 questions from this section 30m

Note: Type of Questions are subject to change for all the paper style.