



# SACRED HEART SCHOOL

(Affiliated to CBSE, New Delhi, up to +2 Level, Affiliation No. - 3430224)

Near Sankat Mochan Mandir, Asnabad, Jhumri Telaiya, Koderma

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## SPLIT UP SYLLABUS (2023 – 24)

Subject: English

Class : VIII

Month	Honeydew	Supplementary Book	Activity	Grammar and Composition
April	<ul style="list-style-type: none"> <li>Ch.1 "The Best Christmas Present in the World" (A War Story)</li> <li>Poem- "The Ant and the Cricket"</li> </ul>	<ul style="list-style-type: none"> <li>Ch.1 "How The Camel Got His Hump" (An Imaginative Story)</li> </ul>	<ul style="list-style-type: none"> <li>Role Playing and Summary narration</li> <li>Poem Recitation</li> </ul>	<ul style="list-style-type: none"> <li>Determiners (Articles Quantifiers Possessives Demonstratives)</li> </ul>
May	<ul style="list-style-type: none"> <li>Ch.2 "The Tsunami" (about a natural calamity)</li> <li>Poem – "Geography Lesson"</li> </ul>	<ul style="list-style-type: none"> <li>Ch.2 "Children at Work" (about child labour)</li> </ul>	<ul style="list-style-type: none"> <li>Speech on Child Labour</li> </ul>	<ul style="list-style-type: none"> <li>Article Writing on Child Labour : A Burning Issue</li> </ul>
June	<ul style="list-style-type: none"> <li>Ch.3 "Glimpses of the Past" (Glimpses of the history of our country)</li> <li>Poem – "Macavity-The Mystery Cat"</li> </ul>		<ul style="list-style-type: none"> <li>Story Telling</li> <li>Poster Making</li> <li>Poem Recitation</li> </ul>	<ul style="list-style-type: none"> <li>Notice Writing</li> <li>Story Writing</li> <li>Tense (Present Tense)</li> </ul>
July	<ul style="list-style-type: none"> <li>Ch.4 "Bipin Chowdhry's Lapse Of Memory" (a Satyajit Ray Story with a surprise ending)</li> <li>Poem – "The Last Bargain"</li> </ul>	<ul style="list-style-type: none"> <li>Ch.3 "The Selfish Giant" (An interesting story with full of imagination)</li> </ul>	<ul style="list-style-type: none"> <li>Story Writing</li> <li>Poem Recitation</li> </ul>	<ul style="list-style-type: none"> <li>Tense (Past and Future)</li> <li>Letter Writing (Formal)</li> </ul>
August	<ul style="list-style-type: none"> <li>Ch.5 "The Summit Within" (about adventure and the world of nature)</li> <li>Poem- "The School Boy"</li> </ul>	<ul style="list-style-type: none"> <li>Ch.4 "The Treasure Within" (about children's potential)</li> </ul>	<ul style="list-style-type: none"> <li>Debate</li> <li>Poem Recitation</li> </ul>	<ul style="list-style-type: none"> <li>Letter Writing (Informal Letter)</li> <li>Voice (Active and Passive Voice)</li> </ul>
September	<b>Revision &amp; Term – I Examination</b>			
October	<ul style="list-style-type: none"> <li>Ch.6 "This is Jody's Fawn" (A story about a child's emotional feelings)</li> <li>Poem – "The Duck and the Kangaroo"</li> </ul>	<ul style="list-style-type: none"> <li>Ch.5 "Princess September (A story with imagination)</li> </ul>	<ul style="list-style-type: none"> <li>Role Playing</li> <li>Poem Recitation</li> </ul>	<ul style="list-style-type: none"> <li>Diary Entry</li> <li>Voice (Active and Passive)</li> </ul>

November	<ul style="list-style-type: none"> <li>Ch.7 "A Visit to Cambridge" (A travelogue)</li> <li>Poem – "When I set out for Lyonesse"</li> </ul>	<ul style="list-style-type: none"> <li>Ch.6 "The Fight" (A story about two friends)</li> <li>Ch.7 "The Open Window"</li> </ul>	<ul style="list-style-type: none"> <li>Debate on 'Advantages and Disadvantages of Mobile Phones'</li> </ul>	<ul style="list-style-type: none"> <li>Prepositions</li> <li>Conjunctions</li> </ul>
December	<ul style="list-style-type: none"> <li>Ch.8 "A Short Monsoon Diary"</li> <li>Poem – "On the Grasshopper and Cricket"</li> </ul>	<ul style="list-style-type: none"> <li>Ch.8 "Jalebis"</li> </ul>	<ul style="list-style-type: none"> <li>Composing Poem and speech on "Violence on TV and its impact on children"</li> </ul>	<ul style="list-style-type: none"> <li>Narration (Reported Speech)</li> <li>Speech Writing</li> </ul>
January	<ul style="list-style-type: none"> <li>Ch.9 "The Great Stone Face I" (A story with imagination)</li> </ul>	<ul style="list-style-type: none"> <li>Ch.9 "The Comet I"</li> </ul>	<ul style="list-style-type: none"> <li>Story Telling</li> <li>Summary Narration</li> </ul>	<ul style="list-style-type: none"> <li>Modal Verbs (use of can, could, may, might, shall, will, should, would, must, dare etc)</li> </ul>
February	<ul style="list-style-type: none"> <li>Ch 10 "The Great Stone Face II"</li> </ul>	<ul style="list-style-type: none"> <li>Ch 10 "The Comet II"</li> </ul>	<p>-----</p>	<ul style="list-style-type: none"> <li>Diary Entry</li> </ul>
March	<b>Revision &amp; Term – II Examination</b>			

Portions for Examination:

Periodic Test 1 : Honeydew – Ch.1 & 2 with poems.  
 Supplementary Book - Ch.1 & 2.  
 Grammar and Composition – Determiners & Article Writing.

Term – I Examination : Honeydew Ch.1 to 5 with Poems.  
 Supp. Book – Ch.1 to 4.  
 Grammar & Comp. – Tense, Determiners, Voice, Article writing, Notice writing & Letter writing.

Periodic Test 2 : Honeydew – Ch.6 & 7 with Poems.  
 Supp. Book – Ch.5 & 6.  
 Grammar & Comp. – Voice, Preposition and Notice writing.

Term – II Examination : Honeydew – Ch. 2, 4, 6, 7, 8, 9 & 10 with poems.  
 Supp. Book – Ch. 4, 5, 6, 7, 8, 9 and 10.  
 Grammar and Comp.- Tense, Voice, Narration, Modal Verbs, Article Writing, Diary Entry, Letter Writing and Notice writing

Estd. - 1997

## Hindi

### (अप्रैल से सितंबर)

माह	पाठ्यपुस्तक	व्याकरण
अप्रैल	पाठ – 1 (ध्वनि), पाठ – 2 (लाख की चूड़ियाँ)	भाषा, शब्द विचार (उत्पत्ति के आधार पर शब्द-भेद)
मई	पाठ – 3 (बस की यात्रा), पाठ – 4 (दीवानों की हस्ती)	रचना के आधार पर शब्द भेद, पर्यायवाची शब्द, विलोम शब्द, अनेकार्थी शब्द, सर्वनाम
जून	पाठ – 5 (चिट्ठियों की दुनिया)	कारक, कारक भेद, क्रिया
जुलाई	पाठ – 6 (भगवान के डाकिए), पाठ – 7 (क्या निराश हुआ जाए)	व्याकरण – अलंकार, समास
अगस्त	पाठ – 8 (यह सबसे कठिन समय नहीं), पाठ – 9 (कबीर की साखियाँ)	पत्र-लेखन, संवाद लेखन
सितंबर	पाठ – 10 (कामचोर), पाठ – 11 (जब सिनेमा ने बोलना सीखा), पुनरावृत्ति एवं अर्द्धवार्षिक परीक्षा	उपसर्ग, प्रत्यय, पुनरावृत्ति एवं अर्द्धवार्षिक परीक्षा
(अक्टूबर से मार्च)		
अक्टूबर	पाठ – 12 (सुदामा)	अव्यय, समास
नवंबर	पाठ – 13 (जहाँ पहिया है), पाठ – 14 (अकबरी लोटा)	विशेषण, विशेष्य, अपठित गद्यांश – लेखन
दिसंबर	पाठ – 15 (सूर के पद-कविता), पाठ – 16 (पानी की कहानी)	निबंध लेखन
जनवरी	पाठ – 17 ( बाज और सर्प), पाठ – 18 (टोपी)	वाच्य, अपठित पद्यांश, कहानी-लेखन
फरवरी + मार्च	पुनरावृत्ति कार्य एवं वार्षिक परीक्षा	

## Mathematics

Month	Chapter Name	Contents of the Chapter
April	Ch. 1 – Rational Numbers	Real Numbers, Natural Numbers, Whole Numbers, Integers, Rational Numbers, Irrational Number (With their properties)
May	Ch. 2 – Linear Equation in One Variable	Algebraic Expression, Algebraic Equation, Linear Equation in One Variable
June	Ch. 5 – Data Handling	Data, Raw Data, Pictograph, Bar Graph, Organising Data, Tally Marks, Pie Chart, Histogram, Probability, Event, Frequency Distribution Table
July	Ch. 6 – Square and Square Roots	Square Number and Properties of Square Number, Pythagorean Triplet, Finding Square root through Prime Factorisation and Division Method, Square Roots of Decimals, Estimating Square Roots.
	Ch. 9 – Algebraic Expression	Expressions, Factors, Coefficients, Polynomials, Binomials, Trinomials, Like Terms, Unlike Terms.
August	Ch. 10 – Visualising Solid Shapes	Three Dimensional Shapes
	Ch. 12 – Exponents and Powers	Exponent, Powers, Negative Exponents, Positive Exponents
September	Ch. 14 – Factorisation	Factors, Algebraic Expression, Factorisation, Regrouping, Polynomials, Monomials, Binomials, Trinomials
	<b>Revision &amp; Term. – 1 Examination</b>	
October	Ch. 3 – Understanding Quadrilateral	Polygon and their Classification, Angle Sum Property of Quadrilateral, Kinds of Quadrilateral, Some Special Parallelograms
November	Ch. 4 – Practical Geometry	Constructing a Quadrilateral
	Ch. 7 – Cube and Cube Roots	Cube, Cube Roots, Prime Factors
December	Ch. 8 – Comparing Quantities	Ratio, Percentage, Profit and Loss, VAT, Discount, Simple Interest
	Ch. 16 – Playing with Numbers	Numbers in General Form, Games with Numbers, Test of Divisibility by 2, 3, 5, 9
January	Ch. 11 – Mensuration	Rectangle, Square, Triangle, Parallelogram, Circle, Trapezium, Quadrilateral, Polygon, Cuboid, Cube, Cylinder, Cone, Circle, Sphere
	Ch. 13 – Direct and Inverse Proportion	Direct Proportion and Inverse Proportion
February	Ch. 15 – Introduction to Graph	Bar Graph, Circle Graph, Histogram, Linear Graph, Coordinates
March	<b>Revision &amp; Term. – 2 Examination</b>	

### Portions for Examination:

Periodic Test 1	:	Ch. 1- Rational Numbers, Ch. 2 – Linear Equation in One Variable, Ch. 5 – Data Handling.
Term. – 1 Examination	:	Ch. 1- Rational Numbers, Ch. 2 – Linear Equation in One Variable, Ch. 5 – Data Handling, Ch. 6 – Square and Square Roots, Ch. 9 – Algebraic Expression and Identities, Ch. 10 – Visualising Solid Shapes, Ch. 12 – Exponents and Powers, Ch. 14 – Factorisation
Periodic Test 2	:	Ch. 3 – Understanding Quadrilateral, Ch. 4 – Practical Geometry, Ch. 7 – Cube and Cube Roots
Term. – 2 Examination	:	Ch. 3 – Understanding Quadrilateral, Ch. 4 – Practical Geometry, Ch. 7 – Cube and Cube Roots, Ch. 8 – Comparing Quantities, Ch. 16 – Playing with Numbers, Ch. 11 – Mensuration, Ch. 13 – Direct and Inverse Proportion, Ch. 15 – Introduction to Graph



**(अप्रैल से सितंबर)**

मासाः	पाठ्यपुस्तकम् : संस्कृत-मंजूषा	व्याकरण : मणिका संस्कृत व्याकरण
अप्रैल	सुगमम् संस्कृतम्	वर्णों का उच्चारण स्थान, कारक एवं विभक्ति
मई	वृक्षाणाम् उपादेयता	तत् शब्द (पु०, स्त्री०, अव्यय)
जून	अहो कारुण्यम् सिंहदम्पत्योः	धातुरूप – गम्, अस्, कृ, पंच, लकारेषु, अनुवाद कार्यम्
जुलाई	विद्या ददाति विनयम् भारतं में गौरवम्	शब्दरूप – देव, लता, साधु, फल प्रत्यय – क्त्वा, ल्यप्, तुमुन्, सन्धि – दीर्घ, गुण, यण
अगस्त	मार्गोऽहम्, श्लोक समुच्चय, केरल-प्रदेशः	संख्या – एकतः, पंचाशत् पर्यन्तम्, अपठित-अवबोधनम्, पत्र लेखनम्, चित्र-लेखनम्।
सितंबर	पुनरावृत्ति / अर्द्धवार्षिक परीक्षा	पुनरावृत्ति अर्द्धवार्षिक परीक्षा

**(अक्टूबर से मार्च)**

अक्टूबर	विचित्रमिदम्	शब्दरूपाणि – मति, कवि, नदी, वारि, वारि, विशेषण-विशेष्य
नवंबर	लोभो मूलमापदाम्	समय लेखनम्, अशुद्धिशोधनम्, वार्तालापः
दिसंबर	दीपोत्सवः, नीतिपथः	संख्या – पंचाशतः शतम् पर्यन्तम्, पर्यायाः, एवं विपर्यायाः
जनवरी	चिकित्सकः चरकः, कर्मवीरः भव	वार्तालापः, समास
फरवरी	सूर्यः, कार्यावरोधं गच्छति	अपठित गद्यांश, पत्र लेखनम्, चित्रलेखनम्, सन्धि-व्यंजन, तुगागम्, प्रथम वर्ण को पंचम वर्ण में परिवर्तन
मार्च	पुनरावृत्ति कार्य / वार्षिक परीक्षा	पुनरावृत्ति / वार्षिक परीक्षा

## Science

Month	Chapter Name	Chapter Content	Activities/Project
April	Chapter-3 ( Coal and petroleum).	*Coal,formation of coal,extraction of coal,uses of coal,processing of coal,petroleum,formation of petroleum,refining of petroleum,uses,natural gas,occurrence and uses.	*Make a list of various petroleum products , collect their picture and paste in A4 size paper.
	Chapter-4 (Combustion and flame )	*condition for combustion , ignition temperature , combustible substance, fuel, characteristics of fuel, types of combustion, flame, luminous and non luminous flame, structure of flame.	*Make a survey of several houses in and around your locality and find out the percentage of households using LPG, kerosene,wood,,biogas or cattle dung as fuel.
May	*Chapter-5 (Conservation of plants and animals).	*Conservation, deforestation, causes, consequences , conservation of forest and wildlife, wildlife sanctuaries, national parks,world conservation union , Red data book, recycling.	*Visit a park near your home/locality and study its biodiversity. Collect photographs or sketches of its flora and founa and prepare a report.
	*Chapter-6 ( Reproduction in Animals ).	*Reproduction, sexual reproduction, asexual reproduction, sexual reproduction in humans, Male reproductive system, female reproductive, fertilisation in humans , external and internal fertilisation, binary fission, budding.	*Visit a poultry farm and collect the following information from there;  a)What are layers and broilers.  b)How can fertilised and unfertilised eggs be obtained.
June	.Revision of chapter – 3,4,5 and 6.	Revision of coal and petroleum, combustion and flame, conservation of plants and animals, reproduction in animals.	Revision for PT-1.
July	Chapter – 7 ( Reaching the age of adolescence ).	Physical change in human beings during growth, infancy chidhood, adolescence and puberty, adulthood , changes at puberty, secondary sexual characteristics, harmones , reproduction phase of life in humans, menstruation and menopause, sex determination, sex chromosomes, metamorphosis, reproduction health.	*Collect information about HIV/AIDS from newspaper, magazines, or any other source and write an article in about 150-200 words.

August	Chapter -1 ( Crop production and management).	*Sources of food: plants and animals. * Plants: food grain crops, commercial crops , plantation crops , horticulture crops, crop seasons , rabi crops, kharif crops.	*Collect leaves and seeds of different crops and paste in your scrap book.
	Chapter – 2 ( Microorganisms: ; friends and foes )	*Animals: Animal husbandary , dairying, poultry, fisheries, apiculture, agricultural implements , plough,hoe,seed drill , basic practices of crop plantation.  *Microorganisms , friendly microorganisms, bacteria, fungi, algae , protozoa, viruses, harmful organisms, diseases caused by microorganisms, food poisoning , communicable diseases, direct and indirect transmission,food preservation , nitrogen cycle.	
September	<b>Revision &amp; Term – 1 Examination</b>		
October	Chapter 8 ( Force and pressure ).	*Force as a push or pull , effects of forces, types of forces , contact and non contact force, resultant force,balance and unbalance force, pressure , Pascal's Law, factors affecting pressure , units of pressure.	*Study the pressure at a point in a liquid depends on its depth.
November	Chapter -9 ( Friction )	*Friction , causes of friction , factors of friction, kinds of friction , advantages of friction , ways to increase friction, disadvantages of friction, ways to reduce friction,friction due to fluid.	*Observe that a rough surface exerts greater frictional force than a smooth surface.
	Chapter -10 ( Sound )	*Sound, sources of sound, cause of sound, characteristics of sound,speed of sound, vibrations, oscillatory motion , range of sound,noise pollution , harmful effects of noise pollution.	*Make two toy telephones with the help of strings , empty disposal glasses and communicate with these in groups.
December	Chapter -11 (chemical effects of electric currents ).	*Chemical effect of electric currents , electrolytes and non electrolytes, conductors , insulators , cations, anions , electrolysis , electrodes and their types , voltmeters, ammeter, cell detector,	*Observe that water containing any salt is a good conductor of electricity.

		electroplating and their uses, application of electrolysis, magnetic compass.	
January	Chapter -12 ( Some natural phenomenon ).	*Lightening, static electricity, lightning safety –inside and outside the house, layers of earth , earthquakes, Tsunamis , seismic waves , seismic focus, epicentre, focal depth, seismograph, Richter scale.	*Observe that like charges repel each other whereas unlike charges attract each other.
February	Chapter -13 ( Light )	*Reflection of light, laws of reflection I, incident rays, reflected rays, , plane mirror , images, dispersion of white light, VIBGYOR, human eye, parts of the eyes, defects of vision , care of eyes.	* Make a kaeidoscope.
March	<b>Revision &amp; Term – II Examination</b>		

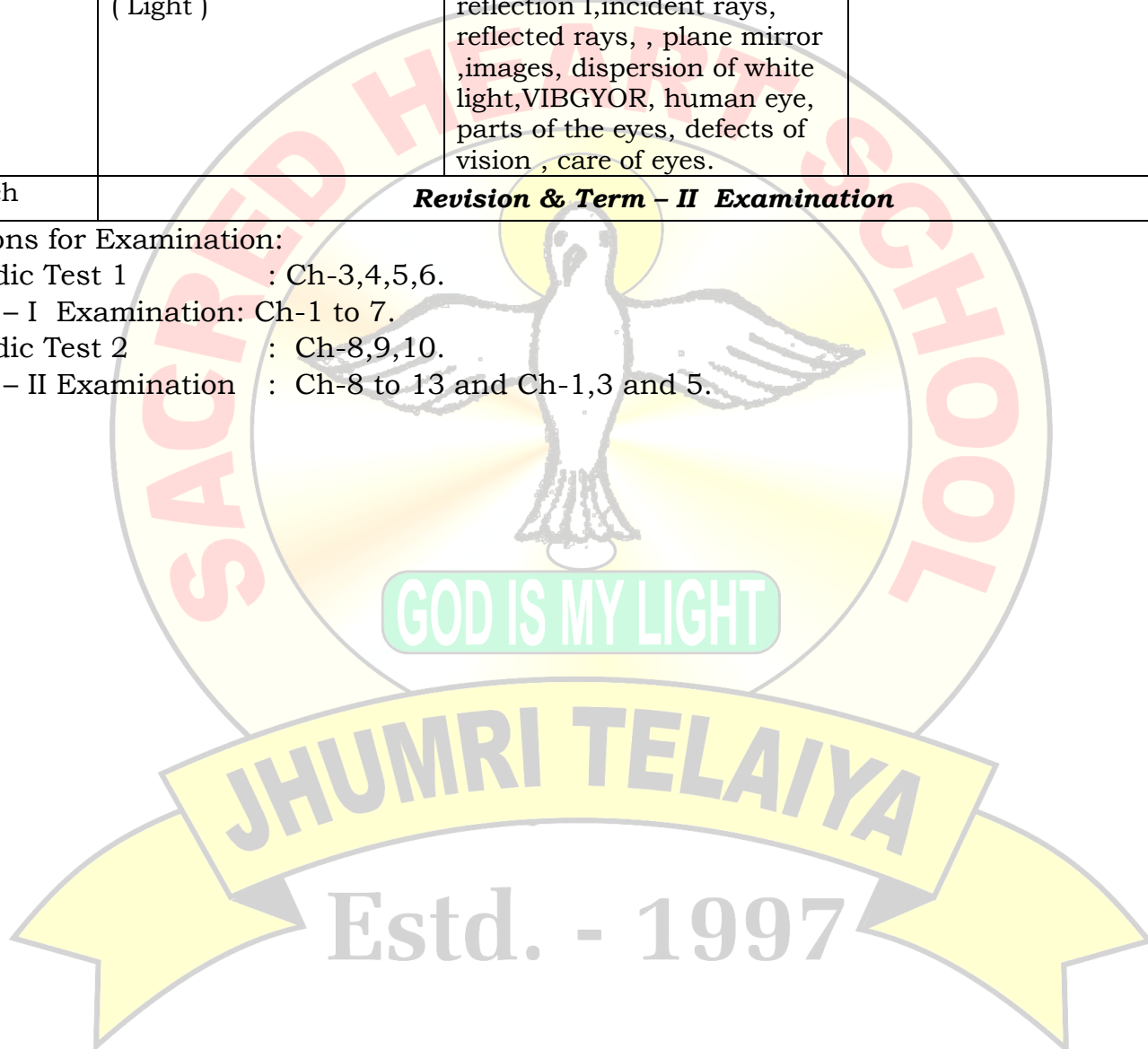
Portions for Examination:

Periodic Test 1 : Ch-3,4,5,6.

Term – I Examination: Ch-1 to 7.

Periodic Test 2 : Ch-8,9,10.

Term – II Examination : Ch-8 to 13 and Ch-1,3 and 5.





## Social Science

Month	Chapter Number & Name			Map Work
	History	Geography	Civics	
April	Ch. 1 – How When and Where	Ch. 1 – Resources	Ch. 1 – The Indian Constitution	Map No. 45 & 46 (History)
May	Ch. 2 – From Trade to Territory	---	Ch. 2 – Understanding Secularism	Map No. 46 (History)
June	Ch. 3 – Ruling the Countryside	Ch. 2 – Land, Soil, Water, Natural Vegetation and Wildlife Resources	-----	Map No. 1 to 6 (Geography) Map No. 47 & 48 (History)
July	Ch. 4 – Tribal, Dikus and the Vision of a Golden Age	-----	Ch 3 - Why do we need a Parliament? Ch. 4 – Understanding Laws	-----
August	Ch 5 – When People 1857 and after	Ch. 3 – Mineral and Power Resources	Ch. 5 – Judiciary Ch 6 – Understanding Our Criminal Justice System	Map No. 7 to 16 (Geography) Map No. 49 & 50 (History)
September	<b>Revision &amp; Term – I Examination</b>			
October	Ch. 6 – Weavers, Iron smelters and Factory Owners	Ch. 4 – Agriculture	Ch. 7 – Understanding Marginalisation	Map No. 17 to 31 (Geography)
November	Ch. 7 – Civilising the “Native”, Educating the Nation	-----	Ch. 8 - Comforting Marginalisation	
December	Ch.8 – Women, Craft and Reform	Ch. 5 – Industries	Ch. 9 – Public Facilities	Map No. 32 to 38 (Geography) Map No. 51 (History)
January	Ch.9 – The Making of the National Movement- 1870s-1947 Ch. 10 – India after Independence	Ch. 6 – Human Resources	Ch. 10 – Law and Social Justice	Map No. 39 to 44 (Geography) Map No. 52 to 54 (History)
February	Revision			
March	<b>Revision &amp; Term – II Examination</b>			

### Portions for Examination:

Periodic Test 1	: History- Ch- 1 & 2, Geo. – Ch 1 & 2, Civics – Ch 1
Term – I Examination	: History- Ch-1, 2, 4 & 5, Geo. – Ch 1 to 3, Civics – Ch 1, 3, 4 & 5
Periodic Test 2	: History- Ch- 6 & 7, Geo. – Ch 5, Civics – Ch 7 & 8
Term – II Examination	: History- Ch- 3 & 6 to 10, Geo. – Ch 3 to 6, Civics – Ch 2, 6, 7, 9 & 10

## Computer

Months	Chapter Name	Theory Topic	Practical Topic
April	Networking Concepts	<ul style="list-style-type: none"> <li>Computer Network</li> <li>Advantages of Networking</li> <li>Types of Networking- PAN, LAN, MAN, WAN</li> </ul>	<b>Intro to HTML and CSS</b> <ul style="list-style-type: none"> <li>Intro to Web Development</li> <li>Text Formatting with HTML</li> </ul>
May	Networking Concepts	<ul style="list-style-type: none"> <li>Network Components, Network Architecture</li> <li>Network Topology and Security</li> <li>Shortcut Keys and Abbreviations</li> </ul>	<ul style="list-style-type: none"> <li>Introduction to CSS</li> <li>Properties of CSS</li> </ul>
June	Log on to Access	<ul style="list-style-type: none"> <li>Introduction to Database</li> <li>Types of Database</li> <li>Elements of DBMS</li> <li>Advantages of DBMS</li> <li>Introduction to Access 2019</li> <li>Components of Access 2019 Window</li> <li>Starting Access 2019</li> <li>Creating a Database</li> <li>Views of a Table</li> <li>Rules for Naming Fields</li> <li>Data Types in Access 2019</li> </ul>	<b>Styling Text, Images and Lists</b> <ul style="list-style-type: none"> <li>Text styling with HTML</li> <li>Adding and styling Images</li> </ul>
July	Log on to Access	<ul style="list-style-type: none"> <li>Adding Tables</li> <li>Primary Key</li> <li>Editing Tables in Access</li> <li>Sorting, Filtering and Searching in a Database</li> <li>Closing Access 2019</li> <li>Opening a Saved Database</li> </ul>	<b>Styling Text, Images and Lists</b> <ul style="list-style-type: none"> <li>List in HTML</li> <li>Hyperlink with HTML</li> </ul>
August	Queries, Forms and Reports in Access	<ul style="list-style-type: none"> <li>Setting a Relationship between Tables</li> <li>Query</li> <li>Forms</li> <li>Reports</li> <li>Worksheet 1</li> </ul>	<b>Revision of Python</b> <ul style="list-style-type: none"> <li>Installing Python</li> <li>Working Modes of Python</li> <li>Variables</li> <li>Data Types in Python</li> <li>type(), input() FUNCTION</li> <li>Operators in Python</li> <li>Precedence of Operators</li> <li>Comments in Python</li> <li>Control Structure</li> <li>Conditional Statement</li> </ul>
September	Augmented Reality & Virtual Reality	<ul style="list-style-type: none"> <li>Introduction to Augmented Reality</li> <li>Introduction to Virtual Reality</li> <li>Difference Between AR &amp; VR</li> <li>Advantages and Disadvantages of AR and VR</li> <li>How AR and VR Technologies Work?</li> <li>Revision for Term 1</li> </ul>	<ul style="list-style-type: none"> <li>Iterative Statement</li> <li>for Loop</li> <li>while Loop</li> <li>Infinite Loop</li> <li>Loop.....else</li> </ul>
October	Metaverse	<ul style="list-style-type: none"> <li>What is Metaverse?</li> <li>Internet Versus Metaverse</li> <li>How AR, VR and Metaverse are Related</li> <li>How Metaverse Works</li> <li>Applications of Metaverse</li> <li>Opportunities and Challenges</li> <li>Associated with Metaverse</li> <li>Future of Metaverse</li> </ul>	<b>Operators in Python</b> <b>Types of Operators in Python</b> <b>Operator Precedence</b> <b>BODMAS and PEDMAS</b>

<b>November</b>	Introduction to Krita	<ul style="list-style-type: none"> <li>• Features of Krita</li> <li>• Starting Krita</li> <li>• Components of Krita</li> <li>• Working in Krita</li> <li>• Creating a New Document</li> <li>• Adding an Image</li> <li>• Selection Tools in Krita</li> <li>• Editing Tools in Krita</li> </ul>	<b>Krita</b> <b>Working in Krita</b> <b>Creating a New Document</b> <b>Adding an Image</b> <b>Selection Tools in Krita</b> <b>Editing Tools in Krita</b>
<b>December</b>	Layers and Animation in Krita	<ul style="list-style-type: none"> <li>• Types of Layers</li> <li>• Adding objects</li> <li>• Renaming a layer</li> <li>• Deleting a layer</li> <li>• Working with Multiple Layers</li> <li>• Animation with Krita</li> </ul>	<b>Krita</b> <b>Adding objects</b> <b>Renaming a layer</b> <b>Deleting a layer</b> <b>Working with Multiple Layers</b> <b>Animation with Krita</b>
<b>January</b>	Robotics	<ul style="list-style-type: none"> <li>• Introduction to Robotics</li> <li>• Importance of Robotics in Daily Life</li> <li>• Creation and Designing of Robots</li> <li>• Evolution of Robots</li> <li>• Types of Robots</li> <li>• Three Laws of Robotics</li> <li>• Components and Applications of Robots</li> <li>• Advantages and Disadvantages of Robots</li> <li>• Future of Robots: Humanoid</li> </ul>	<b>Using Excel as Database</b> <b>Using a Form to Enter Data</b> <b>Adding New Record in a Form</b> <b>Searching a Record</b> <b>Sorting Data</b>
<b>February</b>	Statements in Python	<ul style="list-style-type: none"> <li>• Introduction to Control Statements</li> <li>• Types of Control Statements</li> <li>• Sequential Statements</li> <li>• Different Forms of conditional statements</li> <li>• Revision for Final Examination(Term 2)</li> </ul>	<b>Using Excel as Database</b> <b>Using Advanced Filter</b> <b>Using Data Validation</b> <b>Adding Subtotal in Database</b> <b>Analysing Data with Pivot Table</b>
<b>March</b>	Revision + Practical Test	<ul style="list-style-type: none"> <li>• Revision for Final Examination (Term 2)</li> </ul>	<b>Practical Exam (Term 2)</b>

#### **Portion of PT -1**

Computer Practical	HTML & CSS
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#### **Portion of Term 2**

<ul style="list-style-type: none"> <li>• Networking Concept</li> <li>• Log on to Access</li> <li>• Queries, forms and Report in Access</li> <li>• HTML</li> </ul>
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#### **Portion of PT -2**

Computer Practical	Statements in Python, Iterative statements
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#### **Portion of Term -2**

<ul style="list-style-type: none"> <li>• Metaverse</li> <li>• Introduction to Krita</li> <li>• Layers and Animation in Krita</li> </ul>	<ul style="list-style-type: none"> <li>• Robotics</li> <li>• Statements in Python</li> </ul>
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G.K.

Month	Topic	Subtopic	MTG
April	<ul style="list-style-type: none"><li>• The Natural World</li></ul>	<ul style="list-style-type: none"><li>• The Mighty Dinosaurs</li><li>• Life in The Deserts</li><li>• Unique Trees</li><li>• Mountains of Smoke and Fire</li><li>• Natural Wonders of The World</li><li>• Unique Animals</li><li>• Majestic Hunters of The Sky</li><li>• Current Affairs</li></ul>	<ul style="list-style-type: none"><li>• Series Completion and Inserting</li></ul>
May	<ul style="list-style-type: none"><li>• Art and Culture</li></ul>	<ul style="list-style-type: none"><li>• .....And The Oscar Goes To</li><li>• Greatest Villains</li><li>• Artists And Their Art</li><li>• Traditional Musical Instruments</li><li>• Making a Zoetrope</li><li>• Photofinish</li><li>• Bringing Fantasy Alive</li><li>• Current Affairs</li></ul>	<ul style="list-style-type: none"><li>• Analogy and Classification</li></ul>
June	<ul style="list-style-type: none"><li>• Things Around Me</li></ul>	<ul style="list-style-type: none"><li>• Towards a Greener Earth</li><li>• Talking About Money</li><li>• Rivers and Lakes That Can Kill</li><li>• Points to Ponder</li><li>• Our Changing World</li><li>• Know Your Games</li><li>• Current Affairs</li></ul>	<ul style="list-style-type: none"><li>• Coding and Decoding</li></ul>
July	<ul style="list-style-type: none"><li>• Sports</li></ul>	<ul style="list-style-type: none"><li>• Sports Legends</li><li>• Ultimate Basics</li><li>• Basketball Drills</li><li>• Football Clubs of The World</li><li>• Current Affairs</li></ul>	<ul style="list-style-type: none"><li>• Blood Relation</li></ul>
August	<ul style="list-style-type: none"><li>• Numbers and Logical Skills</li></ul>	<ul style="list-style-type: none"><li>• Time to Be Logical</li><li>• Logical Reasoning - 1</li><li>• Mind Bloggers</li><li>• Try Logic</li><li>• Logical Reasoning - 2</li><li>• Puzzles</li><li>• Quiz Yourself - 1</li><li>• Quiz Yourself - 2</li><li>• Model Testpaper – 1</li><li>• Current Affairs</li></ul>	<ul style="list-style-type: none"><li>• Mirror and Water Images</li></ul>
September	<b>Revision &amp; Term. – 1 Examination</b>		
October	<ul style="list-style-type: none"><li>• The World Around Us</li></ul>	<ul style="list-style-type: none"><li>• Out of This World</li><li>• In The 20th Century</li><li>• Currency Wise</li><li>• Flora and Fauna of Indian States</li><li>• The Country's Shield</li><li>• Architectural Feats</li><li>• Sobriquets of Indian Cities</li><li>• Andaman and Nicobar Islands</li></ul>	<ul style="list-style-type: none"><li>• Cubes and Dices</li></ul>



		<ul style="list-style-type: none"> <li>• Traditional Foods of The World</li> <li>• Current Affairs</li> </ul>	
November	<ul style="list-style-type: none"> <li>• Science and Technology</li> </ul>	<ul style="list-style-type: none"> <li>• Awesome Body Facts</li> <li>• On A Science Track</li> <li>• In Space</li> <li>• Recognising Common Diseases</li> <li>• Plugged In</li> <li>• Robotics</li> <li>• Insect Myths</li> <li>• In Your Genes</li> <li>• Medical Discoveries</li> <li>• Technology Today</li> <li>• Hybrid Cars</li> <li>• Net Savvy</li> <li>• Current Affairs</li> </ul>	<ul style="list-style-type: none"> <li>• Dot Situation</li> </ul>
December	<ul style="list-style-type: none"> <li>• Language And Literature</li> </ul>	<ul style="list-style-type: none"> <li>• Story Time</li> <li>• Time To Expand Your Vocabulary</li> <li>• More Than Just Stories</li> <li>• Travelling Tales</li> <li>• Fun With Idioms</li> <li>• Famous Indian Authors</li> <li>• Current Affairs</li> </ul>	<ul style="list-style-type: none"> <li>• Figure Matrix</li> </ul>
January	<ul style="list-style-type: none"> <li>• Mixed Bag</li> <li>• The World Around Us</li> </ul>	<ul style="list-style-type: none"> <li>• Union Territories of India</li> <li>• Women of Substance</li> <li>• The Sari Story</li> <li>• Ruling The World</li> <li>• Global Indian Achievers</li> <li>• Cities With a Glorious Past</li> <li>• Visiting The NorthEast</li> <li>• Stories In Sculpture</li> <li>• Famous Battles</li> <li>• Current Affairs</li> <li>• Quiz Yourself – 3</li> <li>• Model Testpaper – 2</li> <li>• Current Affairs</li> </ul>	<ul style="list-style-type: none"> <li>• Paper Folding And Paper Cutting</li> </ul>
February		<ul style="list-style-type: none"> <li>• Revision</li> </ul>	<ul style="list-style-type: none"> <li>• Mathematical Operation</li> </ul>
March	<b>Revision &amp; Term. – 2 Examination</b>		

Portions for Examination -

Periodic Test 1 : Chapters completed till May.

Term. – 1 Examination : Chapters completed from April to August.

Periodic Test 2 : Chapters completed till November.

Term. – 2 Examination : Chapters completed from October to February.