



# DELHI PUBLIC SCHOOL BULANDSHAHR

SYLLABUS DISTRIBUTION SESSION 2023-2024)



CLASS: IX

SUBJECT: ENGLISH

Months/ Days	Main Course Book	Literature Reader& Novel	Workbook
<b>April</b>  (21days)	People	F1-How I Taught My Grandmother to Read  P5- The Road Not Taken	*Verb Forms  *Notice Writing
<b>May</b>  (26 days)	Adventure	F2- A Dog Named Duke  P3- Solitary Reaper  P1-The Brook	*Determiners,  *Future Time Reference  *Diary Entry
<b>July</b>  (25 days)	Adventure	   D1- Villa For Sale	*Passive Voice  *Informal Letter  *Paragraph Writing
<b>August</b>  (25 days)	Environment,	F3- The Man Who Knew Too Much	*Reported Speech  *Paragraph Writing Contd.
<b>September</b>  (25 days)	Radio Show	<b>FIRST TERMINAL EXAMINATION</b>  <b>REVISION</b>	
<b>October</b>  (23 days)	Mystery	P6-Oh I Wish I'd Looked After My Teeth  F4- Keeping It from Harold	*Modals  *Notice Writing Contd.

<b>November</b>  <b>(22 days)</b>	Children	F5- Best Seller	*Connectors *Diary Entry Contd. *Informal Letter Contd.
<b>December</b>  <b>(25 days)</b>	Sports and Games	P7- Song of The Rain D2- Bishop's Candlesticks	*Preposition *Paragraph Writing Contd.
<b>January</b>  <b>(26 days)</b>	Revision	Editing and omission	Revision
<b>February</b>  <b>( 25 days)</b>	Revision	Revision	Revision

## SUBJECT: PHYSICS

MONTH/ NO. OF DAYS	UNIT/CHAPTER/ TOPIC	THEORY CONTENT	ACTIVITY/ PRACTICAL/ GRAMMAR TOPIC
<b>April (21 Days)</b>	<b>Bridge Course</b>  <b>Motion</b>	Physical quantity, system of units, conversion of units of different system, scalar and vector quantities. Distance and displacement, velocity; uniform and non-uniform motion along a straight line; acceleration. Average speed. Equations of motion and application in various practical situations.	
<b>May (26 Days)</b>	<b>Motion</b>	Graph theory (process to draw graph, slope and area of graph). Distance-time, velocity-time and accelerated-time graphs for rest, uniform motion and uniformly accelerated motion. Numerical based on graph.	
<b>July (25 Days)</b>	<b>Force &amp; Laws of motion</b>	Force and its effect, Inertia and mass, Galileo's experiment, Newton's first law of motion, momentum, Newton's second law of Motion, action and reaction forces, third law of motion.	1. Galileo's Experiment of inclined planes.
<b>August (25 days)</b>	<b>Force &amp; Laws of motion</b>  <b>Gravitation</b>	Conservation of linear momentum and its applications.  Introduction to circular motion, centripetal force, Gravitation, Universal Law of Gravitation, Force of Gravitation of the earth (gravity), Acceleration due to Gravity; Mass and Weight; Free fall.	
<b>September (25 Days)</b>		<b>REVISION AND FIRST TERM EXAMINATION</b>	
<b>October (23 Days)</b>	<b>Gravitation</b>  <b>Work, energy and Power</b>	Floatation: Thrust and Pressure. Archimedes' Principle; Buoyancy.  Concept of $\cos \theta$ . Work done by a Force, Energy, Work- energy theorem, Kinetic energy.	2. Establishing the relation between the loss in weight of a solid when fully immersed in: a) Tap water, b) Strongly salty water with the weight of water displaced by it by taking at least two different solids.
<b>November (22 Days)</b>	<b>Work, energy and Power</b>	Potential energy, work- potential energy theorem, law of conservation of energy, law of conservation of mechanical energy, power. (Excluding commercial unit of Energy).	
<b>December (25 Days)</b>	<b>Sound</b>	Wave, classification of wave, terminology of wave, relation between speed, wavelength and frequency of sound, wave speed.	3. Determination of the speed of a pulse propagated through a

			stretched string/slinky (helical spring).
<b>January (26 Days)</b>	<b>Sound</b>	Nature of sound and its propagation in various media, speed of sound, range of hearing in humans, reflection of sound, echo, persistence of hearing, reverberation, application of multiple reflection, classification of sound depending upon frequency, ultrasound and its applications human ear.	4. Verification of the Laws of reflection of sound.
	<b>Revision</b>		
<b>February (25 Days)</b>	<b>Revision and second term exam.</b>	<b>SECOND TERM EXAMINATION</b>	

## SUBJECT: CHEMISTRY

MONTH/ NO. OF DAYS	UNIT/CHAPTER/ TOPIC	THEORY CONTENT	ACTIVITY/ PRACTICAL/ GRAMMAR TOPIC
<b>April (21 Days)</b>	Matter in our surroundings	Physical nature of matter, Characteristics of Particles of matter, States of Matter.	To determine the melting point of ice and the boiling point of water.
<b>May (26 Days)</b>	Matter in our surroundings	States of matter, Can matter change its state ? Interconversion of different units of Temperature. Effect of change of Pressure. Evaporation and its effects.	Diffusion using Potassium permanganate.
<b>July (25 Days)</b>	Is matter around us pure ?	What are Mixtures and Solutions? Concentration of a solution (numericals), What is a suspension? Properties of colloids.	1) To prepare a true solution, a suspension and a colloidal solution. 2) To carry out different types of Chemical Reactions.
<b>August (25 days)</b>	Is Matter around us pure ?	Separating the components of a mixture. Separation of different gases from air. How can we obtain pure copper sulphate from an impure sample ? Physical and Chemical changes. Properties of Elements, Compounds and Mixtures.	1) To prepare a mixture and a compound using iron filings and sulphur powder. 2) To separate the components of a mixture of sand, common salt and ammonium chloride by sublimation.
<b>September (25 Days)</b>	Revision for 1 <sup>st</sup> term exam.	<b>1) Matter in our Surroundings</b> <b>2) Is matter around us pure?</b>	
<b>October (23 Days)</b>	Structure of the Atom	Thomson's model of an atom. Rutherford's model of an atom. Rutherford's alpha particle scattering experiment. Drawbacks of Rutherford's model of the atom.	
<b>November (22 Days)</b>	Structure of the Atom	Bohr's model of atom. Discovery of Neutrons. How are electrons distributed in different shells or orbits ? Bohr-Bury rule. Concept of Valency. Atomic number and Mass number. Concept of Isotopes and Isobars along with numericals.	

<b>December (25 Days)</b>	Atoms and Molecules	Laws of Chemical combination. Concept of atoms and their symbols. Atomic mass and how do atoms exist. What is a Molecule ? Concept of Ions and their formation.	To verify the Law of conservation of mass in the case of a chemical change.
<b>January (26 Days)</b>	Atoms and Molecules	Framing the different chemical formulae. Concept and numericals based on Molecular Mass. Mole concept( Numericals)	
<b>February (25 Days)</b>	Revision for Final term exam	1) Is matter around us pure? 2) Structure of the atom 3) Atoms and molecules	

## SUBJECT: BIOLOGY

<b>MONTH/ NO. OF DAYS</b>	<b>UNIT/CHAPTER/ TOPIC</b>	<b>THEORY CONTENT</b>	<b>ACTIVITY/ PRACTICAL/ GRAMMAR TOPIC</b>
<b>April (21 Days)</b>	<b>THE FUNDAMENTAL UNIT OF LIFE.</b>	<b>INTRODUCTION, CELL WALL, CELL MEMBRANE, NUCLEUS.</b>	<b>STUDY OF COMPOUND MICROSCOPE.</b>
<b>May (26 Days)</b>	<b>THE FUNDAMENTAL UNIT OF LIFE.</b>	<b>CYTOPLASM, CYTOPLASMIC ORGANELLES, CELL DIVISION.</b>	<b>STUDY OF PLANT CELL  STUDY OF ANIMAL CELL</b>
<b>July (25 Days)</b>	<b>TISSUES</b>	<b>INTRODUCTION TO TISSUES, TYPES OF PLANT TISSUES.</b>	<b>STUDY OF PLANT TISSUES.</b>
<b>August (25 days)</b>	<b>TISSUES</b>	<b>INTRODUCTION TO ANIMAL TISSUES AND ITS TYPES.</b>	<b>STUDY OF ANIMAL TISSUES.</b>
<b>September (25 Days)</b>		<b>FIRST TERM EXAMINATION.</b>	
<b>October (23 Days)</b>	<b>IMPROVEMENT IN FOOD RESOURCES.</b>	<b>IMPROVEMET IN CROP FIELD-CROP VARIETY MANAGEMENT, CROP PRODUCTION MANAGAMENT, CROP PROTECTION MANAGEMENT.</b>	
<b>November (22 Days)</b>	<b>IMPROVEMENT IN FOOD RESOURCES.</b>	<b>ANIMAL HUSBANDRY, CATTLE FARMING, POULTRY FARMING, FISH FARMING, AND BEE FARMING.</b>	
<b>December (25 Days)</b>	<b>REVISION</b>	<b>REVISION</b>	
<b>January (26 Days)</b>	<b>REVISION</b>	<b>REVISION</b>	
<b>February (25 Days)</b>	<b>REVISION</b>	<b>SECOND TERM EXAMINATION</b>	

## SUBJECT: COMPUTER APPLICATIONS

MONTH/ NO. OF DAYS	UNIT/CHAPTER/ TOPIC	THEORY CONTENT	ACTIVITY/ PRACTICAL/
<b>April (21 Days)</b>	Basics of Information Technology	Design of Computer, Limitations of Computer, Components of a computer system, Units of storage, Computer Network, Protocols, Chat Sites	Create a presentation on the characteristics of a Computer.
<b>May (26 Days)</b>	Cyber Safety	Cyber Safety, Privacy, Cyber Stalking, Malware	Create a PPT on Cyber Safety
<b>July (25 Days)</b>	Working With Word Processor	Features of a Word Processor, Working with Writer, Formatting the document, Grammar and Spell Check, Inserting Date and Time , Border and Shadow, Track Changes, Drawing Toolbar	Create a word document – It must an application, Bio-Data, Banner, Cover Page of Project File
<b>August (25 days)</b>	Working With Presentation	Presentation, Features of Impress, Slide Layouts, Saving the presentation, Viewing the Presentation, Editing and Formatting a Slide, Presentation Package, Designing with Impres in Computer, Creating a Presentation, Template, Working with Slides, Adding Shapes	Create a PPT and add shapes to its and group them and resize it and place in the slides
<b>September (25 Days)</b>	Revision for 1 <sup>st</sup> term exam.		
<b>October (23 Days)</b>	Effects in Presentation	Adding Multimedia Features in Slides, Charts in Presentation, Setting timings for a slide show, Inserting Speakers Notes, Inserting Tables, Animation in Presentation, Grouping Objects, Printing a presentation.	Create a PPT add animation to it and add transitions to its slides.
<b>November (22 Days)</b>	Working With Spreadsheet	Features of a Spreadsheet Package, Types of Data, Introducing Calc, creating a workbook, saving a workbook, moving in a worksheet, printing a worksheet, editing a worksheet, Navigation, autofill, formatting cells	Create an Excel sheet add data to it and apply formulas, sort the data
<b>December (25 Days)</b>	Data Analysis	Formulas, cell referencing, operators, entering a function in a cell, common errors, sorting, charts and graphs, Filter	Create an Excel sheet and add formulas (different) and find the types of errors that come.
<b>January (26 Days)</b>		Revision for Final term exam	
<b>February (25 Days)</b>		Final Term Exam	



**SUBJECT: MATHS**

<b>MONTH/ NO. OF DAYS</b>	<b>UNIT/CHAPTER/ TOPIC</b>	<b>THEORY CONTENT</b>	<b>ACTIVITY/ PRACTICAL</b>
<b>April (21 Days)</b>	1.Number System	<p>1.Review of representation of natural numbers, integers, and rational numbers on the number line. Rational numbers as recurring/ terminating decimals.Operations on real numbers.</p> <p>2. Examples of non-recurring/non-terminating decimals. Existence of non-rational numbers (irrational numbers) such as <math>\sqrt{2}</math>, and their representation on the number line. Explaining that every real number is represented by a unique point on the number line and conversely, viz. every point on the number line represents a unique real number.</p> <p>3. Definition of nth root of a real number.</p> <p>4. Rationalization (with precise meaning) of real numbers of the type <math>\frac{1}{a+b\sqrt{x}}</math> and <math>\frac{1}{\sqrt{x}+\sqrt{y}}</math> (and their combinations) where x and y are natural number and a and b are integers.</p> <p>5. Recall of laws of exponents with integral powers. Rational exponents with positive real bases (to be done by particular cases, allowing learner to arrive at the general laws.)</p>	To construct a square-root spiral.
	2. Polynomials	<p>Definition of a polynomial in one variable, with examples and counter examples. Coefficients of a polynomial, terms of a polynomial and zero polynomial. Degree of a polynomial. Constant, linear, quadratic and cubic polynomials. Monomials, binomials, trinomials. Factors and multiples. Zeros of a polynomial. Motivate and State the Remainder Theorem with examples.</p>	
<b>May (26 Days)</b>	2.Polynomials(Continue)	Statement and proof of the Factor Theorem. Factorization of $ax^2 + bx + c$ , $a \neq 0$ where a, b and c are real numbers, and of cubic polynomials using the Factor	To verify the algebraic identity : $(a + b)^2 = a^2 + 2ab + b^2$

	3. Coordinate Geometry	<p>Theorem. Recall of algebraic expressions and identities. Verification of identities:</p> <p>The Cartesian plane, coordinates of a point, names and terms associated with the coordinate plane, notations.</p>	To verify the algebraic identity : $(a+b+c)^2 = a^2 + b^2 + c^2 + 2ab + 2bc + 2ca$
<b>July (25 Days)</b>	4. Linear Equations in two Variables	Recall of linear equations in one variable. Introduction to the equation in two variables. Focus on linear equations of the type $ax + by + c = 0$ . Explain that a linear equation in two variables has infinitely many solutions and justify their being written as ordered pairs of real numbers, plotting them and showing that they lie on a line.	
	5. Lines and Angles	<ol style="list-style-type: none"> <li>(Motivate) If a ray stands on a line, then the sum of the two adjacent angles so formed is 180° and the converse.</li> <li>(Prove) If two lines intersect, vertically opposite angles are equal.</li> <li>(Motivate) Lines which are parallel to a given line are parallel.</li> </ol>	To verify that the sum of the angles of a triangle is 180°.
<b>August (25 days)</b>	6. Triangles	<ol style="list-style-type: none"> <li>(Motivate) Two triangles are congruent if any two sides and the included angle of one triangle is equal to any two sides and the included angle of the other triangle (SAS Congruence).</li> <li>(Prove) Two triangles are congruent if any two angles and the included side of one triangle is equal to any two angles and the included side of the other triangle (ASA Congruence).</li> <li>(Motivate) Two triangles are congruent if the three sides of one triangle are equal to three sides of the other triangle (SSS Congruence).</li> <li>(Motivate) Two right triangles are congruent if the hypotenuse and a side of one triangle are equal (respectively) to the hypotenuse and a side of the other triangle. (RHS Congruence)</li> <li>(Prove) The angles opposite to equal sides of a triangle are equal.</li> </ol>	To verify experimentally the different criteria for congruency of triangles using triangle cut-outs.

	7. Euclid's Geometry	<p>6. (Motivate) The sides opposite to equal angles of a triangle are equal.</p> <p>History – Geometry in India and Euclid's geometry. Euclid's method of formalizing observed phenomenon into rigorous Mathematics with definitions, common/obvious notions, axioms/postulates and theorems. The five postulates of Euclid. Showing the relationship between axiom and theorem, for example: (Axiom) 1. Given two distinct points, there exists one and only one line through them. (Theorem) 2. (Prove) Two distinct lines cannot have more than one point in common.</p>	
<b>September (25 Days)</b>	Revision First Term Exam	-	
<b>October (23 Days)</b>	<p>8. Heron's Formula</p> <p>9. Quadrilaterals</p>	<p>Area of a triangle using Heron's formula (without proof)</p> <p>1. (Prove) The diagonal divides a parallelogram into two congruent triangles.</p> <p>2. (Motivate) In a parallelogram opposite sides are equal, and conversely.</p> <p>3. (Motivate) In a parallelogram opposite angles are equal, and conversely.</p> <p>4. (Motivate) A quadrilateral is a parallelogram if a pair of its opposite sides is parallel and equal.</p> <p>5. (Motivate) In a parallelogram, the diagonals bisect each other and conversely.</p> <p>6. (Motivate) In a triangle, the line segment joining the mid points of any two sides is parallel to the third side and in half of it and (motivate) its converse.</p>	Verify that sum of angles of a quadrilaterals is $360^\circ$ .
<b>November (22 Days)</b>	10. Circles	<p>1. (Prove) Equal chords of a circle subtend equal angles at the center and (motivate) its converse.</p> <p>2. (Motivate) The perpendicular from the center of a circle to a chord bisects the chord and conversely, the line drawn through the center of a circle to bisect a chord is perpendicular to the chord.</p>	Verify that the sum of opposite angles of a cyclic quadrilaterals is $180^\circ$ .

		<p>3. (Motivate) Equal chords of a circle (or of congruent circles) are equidistant from the center (or their respective centers) and conversely.</p> <p>4.(Prove) The angle subtended by an arc at the center is double the angle subtended by it at any point on the remaining part of the circle.</p> <p>5.(Motivate) Angles in the same segment of a circle are equal.</p> <p>6.(Motivate) If a line segment joining two points subtends equal angle at two other points lying on the same side of the line containing the segment, the four points lie on a circle.</p> <p>7.(Motivate) The sum of either of the pair of the opposite angles of a cyclic quadrilateral is <math>180^\circ</math> and its converse.</p>	
<b>December (25 Days)</b>	11. Statistics	Bar graphs, histograms (with varying base lengths), and frequency polygons.	Draw Histograms for classes of equal widths and varying widths.
<b>January (26 Days)</b>	12.Surface area and Volumes	Surface areas and volumes of spheres (including hemispheres) and right circular cones.	Form a cone from a sector of a circle.
<b>February (25 Days)</b>	Revision Final term Exam		

**SUBJECT: History/Pol. Science/Economics**

<b>MONTH/ NO. OF DAYS</b>	<b>UNIT/CHAPTER/ TOPIC</b>	<b>THEORY CONTENT</b>	<b>ACTIVITY/ PRACTICAL/ GRAMMAR TOPIC</b>
<b>April (21 Days)</b>	<b>His: The French Revolution (contd.)</b>  <b>Civics: What is Democracy? Why Democracy? (contd.)</b> <b>Eco: The Story of Village Palampur</b>	<ul style="list-style-type: none"> <li>➤ French Society during Late Eighteenth Century</li> <li>➤ The Outbreak of the Revolution, France abolishes Monarchy and becomes a Republic.</li> <li>➤ Definition of Democracy</li> <li>➤ Features of Democracy.</li> <li>➤ Introduction</li> <li>➤ Organization of Production</li> <li>➤ Farming in Palampur</li> <li>➤ Non – Market Activities in Palampur</li> </ul>	
<b>May (26 Days)</b>	<b>His: The French Revolution (contd.)</b>  <b>Civics: What is Democracy? Why Democracy?</b>  <b>Eco: People As Resource (contd.)</b>	<ul style="list-style-type: none"> <li>➤ Did Women have a revolution?</li> <li>➤ The Abolition of Slavery</li> <li>➤ The Revolution and Everyday life</li> <li>➤ Why Democracy?</li> <li>➤ Arguments against Democracy</li> <li>➤ Arguments in favour of Democracy</li> <li>➤ Broader Meanings of Democracy</li> <li>➤ Definition of People As Resource</li> <li>➤ Case study of Sakal and Vilas</li> </ul>	<b>Map Work</b>
<b>July (25 Days)</b>	<b>His: Socialism in Europe and the Russian Revolution (contd.)</b> <b>Civics: Constitutional Design (contd.)</b> <b>Eco: People As Resource (contd.)</b>	<ul style="list-style-type: none"> <li>➤ The Age of Social Change</li> <li>➤ The Russian Revolution</li> <li>➤ The February Revolution in Petrograd</li> <li>➤ Democratic Constitution in South Africa</li> <li>➤ Why Do We Need A Constitution?</li> <li>➤ Economic Activities by Men and Women</li> <li>➤ Quality of Population</li> </ul>	

<b>August (25 days)</b>	<b>His: Socialism in Europe and the Russian Revolution</b> <b>Civics: Constitutional Design</b>  <b>Eco: People As Resource</b>	<ul style="list-style-type: none"> <li>➤ What Changed after October</li> <li>➤ The Global influence of Russian Revolution and the USSR</li> <li>➤ Making of the Indian Constitution</li> <li>➤ Guiding values of Indian Constitution</li> <li>➤ Institutional Design</li> <li>➤ Unemployment</li> <li>➤ Types of Unemployment</li> <li>➤ Detrimental impact of unemployment</li> </ul>	<b>Map Work</b>  <b>Project Work</b>
<b>September (25 Days)</b>	<b>Civics: Electoral Politics</b>  <b>Eco:</b> <b>His :</b> <b>First Term Exam</b>	<ul style="list-style-type: none"> <li>➤ Why Elections?</li> <li>➤ What is our System of Elections</li> <li>➤ What makes Elections In India Democratic?</li> </ul> <p>Revision</p> <p>Revision</p>	
<b>October (23 Days)</b>	<b>His : Nazism and the Rise of Hitler (contd.)</b> <b>Civics: Working of Institutions (contd.)</b> <b>Eco: Poverty As A Challenge (contd.)</b>	<ul style="list-style-type: none"> <li>➤ Birth of the Weimar Republic</li> <li>➤ Hitler's Rise to Power</li> <li>➤ The Nazi Worldview</li> <li>➤ How is a Major Policy Decision Taken?</li> <li>➤ Two Typical Cases of Poverty</li> <li>➤ Poverty Line</li> </ul>	

<b>November (22 Days)</b>	<b>His : Nazism and the Rise of Hitler</b> <b>Civics: Civics: Working of Institutions</b> <b>Eco: Poverty As A Challenge</b>	<ul style="list-style-type: none"> <li>➤ Youth in Nazi Germany</li> <li>➤ Ordinary People and the Crimes Against Humanity</li> <li>➤ Parliament</li> <li>➤ Political Executive</li> <li>➤ The Judiciary</li> <li>➤ Poverty Estimate</li> <li>➤ Global Poverty Scenario</li> <li>➤ Causes of Poverty</li> <li>➤ Anti Poverty Measures</li> <li>➤ The Challenges Ahead</li> </ul>	<b>Map Work</b>
<b>December (25 Days)</b>	<b>His : Forest Society And Colonialism</b> <b>Civics: Democratic Rights (contd.)</b> <b>Eco: Food Security (contd.)</b>	<ul style="list-style-type: none"> <li>➤ Why Deforestation</li> <li>➤ Land to be Improved</li> <li>➤ Sleepers on the Tracks</li> <li>➤ Plantations</li> <li>➤ Life without Rights</li> <li>➤ Rights in a Democracy</li> <li>➤ Meaning of Food Security</li> <li>➤ Components of Food Security</li> <li>➤ Who are food insecure</li> </ul>	<b>Project Work</b>
<b>January (26 Days)</b>	<b>Civics: Democratic Rights</b> <b>Eco: Food Security</b>  <b>Revision in ( His/ Civics/ Eco)</b>	<ul style="list-style-type: none"> <li>➤ Rights in the Indian Constitution</li> <li>➤ Expanding Scope of Rights</li> <li>➤ Food Security in India</li> <li>➤ Meaning of Public Distribution System</li> <li>➤ Drawbacks of Public Distribution System</li> <li>➤ Role of Cooperatives in Food Security</li> </ul>	
<b>February (25 Days)</b>	<b>Revision Final Term Examination</b>		

## SUBJECT: Geography

MONTH/ NO. OF DAYS	UNIT/CHAPTER/ TOPIC	THEORY CONTENT	ACTIVITY/ PRACTICAL/ GRAMMAR TOPIC
<b>April (21 Days)</b>	CH-1 INDIA: Size and Location	a. Introduction: Meaning and concept b. India – Size and location c. India – Its Neighbours	
<b>May (26 Days)</b>	CH-2 PHYSICAL FEATURES OF INDIA	a. Meaning and concept b. Physical features of India c. Himalayas and Northern plains of India	Map Practice
<b>July (25 Days)</b>	CH-2 PHYSICAL FEATURES OF INDIA  CH – 3 DRAINAGE	a. Peninsular Plateau of India b. The Great Indian Desert c. The Islands d. Introduction – Meaning and concept drainage	Map Practice
<b>August (25 days)</b>	CH-3 DRAINAGE	a. Himalayan river system b. Peninsular river system c. Lakes in India d. Roles of rivers e. Meaning and concept of Climate	Map Practice
<b>September (25 Days)</b>	FIRST TERM EXAMINATION  CH-4 CLIMATE  CH-5:NATURAL VEGETATION AND WILDLIFE	a. Meaning and concept of Climate b. Factors affecting India's Climate d. The seasons e. Monsoon a unifying bond f. Meaning and concept of Natural Vegetation	Map Practice
<b>October (22 Days)</b>	CH-5 NATURAL VEGETATION AND WILDLIFE	a. Factors affecting the Natural Vegetation b. Types of Vegetation c. Evergreen and Deciduous forests d. Montane and Thorn forests	Map Practice
<b>November (22 Days)</b>	CH-5 NATURAL VEGETATION AND WILDLIFE  CH-6 POPULATION	a. Wildlife in India b. Conservation of wildlife  c. The Indian Census	Map Practice
<b>December (25 Days)</b>	CH-6 POPULATION	a. Population density b. Population growth in India c. Process of population growth	Map Practice
<b>January (26 Days)</b>	CH-6 POPULATION	a. Age composition b. Occupational structure of India c. National Population Policy	Map Practice
<b>February (25 Days)</b>	REVISION FINAL TERM EXAMINATION		



## SUBJECT: FRENCH

MONTH/ NO. OF DAYS	UNIT/CHAPTER/ TOPIC	THEORY CONTENT	ACTIVITY/ PRACTICAL/ GRAMMAR TOPIC
<b>April (21 Days)</b>	<b>Bridge Course</b>  L. 1 – La famille	Se présenter, tous les temps, articles, prépositions etc.  Saluer, les articles, les verbes.	Présenter quelqu'un, S'informer sur les liens familiaux.
<b>May (26 Days)</b>	L. 2 – Au lycée	Les adjectifs possessifs, démonstratifs, les prépositions et les verbes de « IR » groupe	Décrire une personne  Parler des matières
<b>July (25 Days)</b>	L. 3 – Une journée de Pauline	Les articles contractes et partitifs Les verbes pronominaux avec les verbes De « RE » groupe.	Parler de vie quotidienne
<b>August (25 days)</b>	L.4 – Les saisons	Le futur simple, proche, impératif, la météo	Décrire les saisons et le climat
<b>September (25 Days)</b>	<b>Révision et Les examens</b>	<b>Les examens</b>	
<b>October (23 Days)</b>	L. 5 – Les voyages	Passé composé, en train de , expressions avec être et avoir, posez les questions	Parler de vos vacances et les moyens de transports français.
<b>November (22 Days)</b>	L. 6 - Les loisirs et les sports	L'obligation, les verbes pronominaux au passé composé, imparfait, ne....que/ seulement.	Parler de vos sports préférés
<b>December (25 Days)</b>	L.7 – L'argent de poche	Les négations, Les pronoms personnels, les adjectifs interrogatifs.	Demander de l'argent de poche/ petits boulots
<b>January (26 Days)</b>	L. 8 – Faire des achats  <b>Révision</b>	Le conditionnel présent, pronom en, Les expressions de quantités.	Jeu de rôle
<b>February (25 Days)</b>	<b>Révision et Les examens</b>	<b>Les examens</b>	_____

**URDU(COURSE-B) (JAAN PEHCHAN)**

<b>MONTH/ NO.OF DAYS</b>	<b>CONTENT</b>	<b>GRAMMAR</b>
<b>April</b>  <b>(21 days)</b>	HINDU MUSALMAN  BAHADURSHAH KA HAATHI  NADAN DOST	ISM , SIFAT(QISMEIN)  MUTAZAD ALFAZ
<b>May</b>  <b>(26 days)</b>	OSS , EK DIHATI LADKI KA GEET  CHIRIYA GHAR KI SER  BAHADUR BANO	FAEL, WAHID JAMA  ZAMEER(QISMEIN)  MUTRADIF ALFAZ
<b>July</b>  <b>(25 days)</b>	AHSAN KA BADLA AHSAN  JUNGLE KI ZINDAGI  BANSURI WALA  EK PODA AUR GHAS	IDIOMS , PROVERBS  ZAMEER(QISMEIN)  LETTER WRITING
<b>August</b>  <b>(25 days)</b>	RED CROSS SOCIETY  SINDBAD JAHAZI KA EK SAFAR  KAHAWATON KI KAHANI	MUZAKKAR MOUNNUS  TASHBEEH  ISTEARA
<b>September</b>  <b>(25 days)</b>	REVISION  I TERM EXAM	.....
<b>October</b>  <b>(23 days)</b>	CHUTTI KA DIN  TINKA THORI HAWA SE UR JATA HE	SABIQE , LAHIQE  RAMUZE OUQAF
<b>November</b>  <b>(22 days)</b>	DOHE  MASNUEE SAYYARAH	ESSAY WRITING

<b>December</b>  <b>(25 days)</b>	BAHAR KE DIN  GAON PANCHAYAT	TARKEEB-E-IZAFAT  GHAZAL , QASIDA
<b>January</b>  <b>(26 days)</b>	MULLA NASRUDDIN  WAQT	.....
<b>February</b>  <b>(25 days)</b>	REVISION & EXAM	.....

**SUBJECT: HINDI**

<b>MONTH/ NO. OF DAYS</b>	<b>UNIT/CHAPTER/ TOPIC</b>	<b>THEORY CONTENT</b>	<b>ACTIVITY/ PRACTICAL/ GRAMMAR TOPIC</b>
<b>April (21 Days)</b>	यशपाल रैदास	दुःख का अधिकार अब कैसे छूटे राम, नाम..... ऐसी लाल तुझ बिनु.....	शब्द और पद, अनुस्वार, अनुनासिक, संवाद-लेखन, चित्र-वर्णन
<b>May (26 Days)</b>	बचेंद्री पाल महादेवी वर्मा	एवरेस्ट : मेरी शिखर यात्रा गिल्लू	अपठित गद्यांश, उपसर्ग और प्रत्यय, अनौपचारिक- पत्र, अनुच्छेद-लेखन
<b>July (25 Days)</b>	शरद जोशी रहीम	तुम कब जाओगे, अतिथि, दोहे	अपठित गद्यांश, स्वर संधि, विराम-चिह्न, चित्र-वर्णन, संवाद लेखन
<b>August (25 days)</b>	धीरंजन मालवे श्रीराम शर्मा	वैज्ञानिक चेतना के वाहक चंद्रशेखर वेंकट रामन् स्मृति	अर्थ की दृष्टि से वाक्य भेद, अनुच्छेद-लेखन, अनौपचारिक-पत्र, चित्र वर्णन, संवाद-लेखन
<b>September (25 Days)</b>	प्रथम आवधिक परीक्षा एवं पुनरावृत्ति		
<b>October (23 Days)</b>	स्वामी आनंद रामधारी सिंह दिनकर	शुक्र तारे के समान गीत-अगीत	शब्द और पद, अनुस्वार, अनुनासिक, संवाद-लेखन, चित्र-वर्णन
<b>November (22 Days)</b>	हरिवंशराय बच्चन धर्मवीर भारती	अग्निपथ मेरा छोटा-सा निजी पुस्तकालय	अपठित गद्यांश, उपसर्ग और प्रत्यय, अनौपचारिक- पत्र, अनुच्छेद-लेखन
<b>December (25 Days)</b>	अरुण कमल	नए इलाके में, खुशबू रचते हैं हाथ	अपठित गद्यांश, स्वर संधि, विराम-चिह्न, चित्र-वर्णन, संवाद लेखन
<b>January (26 Days)</b>	के० विक्रम सिंह	कल्लू कुम्हार की उनाकोटी	अर्थ की दृष्टि से वाक्य भेद, अनुच्छेद-लेखन, अनौपचारिक-पत्र, चित्र वर्णन, संवाद-लेखन
<b>February (25 Days)</b>	पुनरावृत्ति		पुनरावृत्ति

**SUBJECT: संस्कृत**

माह / दिवस	मणिका भाग-1	अपठित व्याकरण एवं रचनात्मक
अप्रैल-21 दिवस	पाठ-1 अविवेकः परमापदां पदम् पाठ-2 पाथेयम्	1 अपठित गद्यांश, 2 <b>स्वरसन्धि</b> -दीर्घ, गुण, वृद्धि, यण्, अयादि, 3 <b>शब्दरूप</b> पुल्लिङ्गशब्द-अकारान्त- बालकवत्, इकारान्त कविवत् , उकारान्त-साधुवत्, हलन्त भवत्, नपुंसकलिङ्गशब्द - अकारान्त फलवत्, <b>सर्वनामशब्द</b> - अस्मद् , युष्मद्, तद् किम् (त्रिषु लिङ्गेषु), 4 <b>धातुरूप</b> भू, गम्, नम्, अस, पृच्छ, नी, कृ, ज्ञा, क्षाल् (पञ्चसु लकारेषु), 5 पत्रलेखन, 6 चित्रवर्णन, अनुच्छेदलेखन,
मई 26 दिवस	पाठ-3 विजयतां स्वदेशः पाठ- 4 विद्या भान्ति सद्गुणाः	1 <b>कारक- उपपद-विभक्ति - द्वितीया-</b> उभयतः, परितः, समया, निकषा, प्रति, विना, <b>तृतीया</b> - सह, साकम्, समम्, सार्धम्, विना, अलम्, हीन, <b>चतुर्थी</b> -रुच, दा (यच्छ), नमः, कुप् , अलम्(सामर्थ्य), 3 <b>शब्दरूप</b> स्त्रीलिङ्गशब्द- आकारान्त-लतावत् ईकारान्त-नदीवत् , 2 चित्रवर्णन <b>व्यञ्जन संधि</b> - वर्गीयप्रथमवर्णस्य तृतीयवर्णे परिवर्तनम् , 'म' स्थाने अनुस्वार,
जुलाई 25 दिवस	पाठ-5 कर्मणा याति संसिद्धिम्	1 <b>धातुरूप</b> सेव्, लभ्, रुच् (लट्, लुट् लकारयोः), 2 <b>प्रत्यय-</b> क्त्वा, ल्यप्, तुमुन्, 3 <b>अव्ययानि स्थानबोधकानि</b> -अत्र, तत्र, अन्यत्र, सर्वत्र, यत्र, एकत्र, उभयत्र, <b>कालबोधकानि</b> - यदा तदा सर्वदा, एकदा, पुरा, अधुना, अद्य, श्वः, ह्यः 4 अनुच्छेदलेखन , 5 अपठित गद्यांश
अगस्त 25 दिवस	पाठ -6 तत् त्वम् असि	1 - <b>संख्या-1-100</b> (1-4 त्रिषु लिङ्गेषु केवलं प्रथमा-विभक्तौ) 2 - <b>विसर्गसंधि</b> -उत्त्वम् , शत्वम् , षत्वम्, सत्वम् 3 - <b>संवादपूर्ति, कथापूर्ति</b> , 4 - <b>उच्चारणस्थानानि</b> ,
सितंबर-	अर्द्धवार्षिक परीक्षा	पुनरावृत्ति
अक्टूबर 23 दिवस	पाठ -7 तरवे नमोऽस्तु	1 <b>कारक-उपपद-विभक्ति</b> (पुनरावृत्ति- द्वितीया, तृतीया, चतुर्थी ) , <b>पञ्चमी</b> - विना, बहि, भी, रक्ष, <b>षष्ठी</b> - उपरि, अधः, पुरतः, पृष्ठतः, वामतः, दक्षिणतः, <b>सप्तमी</b> - स्निह, निपुण, विश्वस्, कुशलः, 2 <b>प्रत्ययाः-</b> शत्, (पुनरावृत्ति क्त्वा, ल्यप्, तुमुन्), 3 पत्र लेखन, 4 चित्र-वर्णन,
नवम्बर 22 दिवस	पाठ-8 न धर्मवृद्धेषु वयः समीक्ष्यते, पाठ-9 कवयामि वयामि यामि	1 <b>स्वरसन्धि</b> : दीर्घ, गुण, वृद्धि, यण्, अपादि ( पुनरावृत्ति), 2 <b>व्यञ्जनसन्धि</b> : जश्त्वसन्धिः, 'म्' स्थाने अनुस्वारः, 3 <b>विसर्गसन्धि</b> : उत्त्वम्, सत्वम् , 4 चित्र-वर्णन 5 अनुच्छेद-लेखन, (पुनरावृत्ति)
दिसंबर-25 दिवस	पाठ10 भारतीय विज्ञानम्, पाठ11 भारतेनास्ति मे जीवनं जीवनम्	1 धातुरूप , शब्दरूप पुनरावृत्ति , 2 संख्या- 1-100 (1-4 त्रिषु लिङ्गेषु केवल प्रथमा-विभक्तौ) — 4 <b>अव्ययानि</b> - <b>प्रश्नबोधकानि</b> , किम्, कुत्र, कति, कदा, कुतः, कथम्, किमर्थन् <b>अन्यानि</b> - च, अपि, यदि, तर्हि, यथा, तथा, सम्यक्, एव
जनवरी 26 दिवस		अपठित गद्यांश, पत्रलेखन, चित्रवर्णन , अनुच्छेदलेखन, संवादपूर्ति, कथापूर्ति,
फरवरी	वार्षिक परीक्षा	पुनरावृत्ति

## SUBJECT: JAPANESE

MONTH/ NO. OF DAYS	UNIT/CHAPTER/ TOPIC	THEORY CONTENT	ACTIVITY/ PRACTICAL/ GRAMMAR TOPIC
<b>April</b> (21 Days)	Dai-1 ka. Dai-2 ka.	Sakubun- My School,Bunbo,kanji	Self-introduction .  Hon no kimochidesu.
<b>May</b> (26 Days)	Dai-3 ka	Sakubun-Watashi no ichinichi,kanji,bunbo,	Kore wo kudasai.
<b>July</b> (25 Days)	Dai-4 ka. Dai-5ka.	Sakubun –My Teacher,kanji,bunbo	Sochira wa nanji kara nanji made desuka.
<b>August</b> (25 days)	Dai-6 ka.	Letter to your grandfather talking about your Japanese language studies.kanji,bunbo	Isshoni ikimasenka.
<b>September</b> (25 Days)	Revision for First term exam.	Revision for First term exam.	
<b>October</b> (23 Days)	Dai-7 ka. Dai-8 ka.	Sakubun-My Friend,kanji,kanji,bunbo	Gomenkudasai. Sorosoro shitsureishimasu.
<b>November</b> (22 Days)	Dai-9 ka.	Sakubun –Watashi no uchi,kanji,bunbo	Zannendesu.
<b>December</b> (25 Days)	Dai-10ka. Dai -11ka.	Sakubun –Watashi no shumatsu,kanji,bunbo	Kore, onegaishimasu.
<b>January</b> (26 Days)	Dai- 12ka.	Letter by the friend thanking him or her for hosting him to his city/country in about 300-350 characters. kanji, bunbo	Omatsuri wa doudeshitaka.
<b>February</b> (25 Days)	Revision for Second term exam.	Revision for Second term exam.	

## SUBJECT: GERMAN

<b>MONTH/ NO. OF DAYS</b>	<b>UNIT/CHAPTER/ TOPIC</b>	<b>THEORY CONTENT</b>	<b>ACTIVITY/ PRACTICAL/ GRAMMAR TOPIC</b>
<b>April (21 Days)</b>	<b>Lektion -Eins</b>	<b>Allein zu Hause</b>	<b>Sich Vorstellen</b>
<b>May (26 Days)</b>	<b>Lektion – Eins , Zwei</b>	<b>Arbeitsheft und Wir kaufen nichts</b>	<b>Konjunction -Wenn Verb- werden</b>
<b>July (25 Days)</b>	<b>Lektion - Zwei</b>	<b>Arbeitsheft und Grammatik</b>	<b>Konjunction - damit</b>
<b>August (25 days)</b>	<b>Lektion - drei</b>	<b>Das wurde ich nie tun !</b>	<b>Grammatik–wo compound Da- compound</b>
<b>September (25 Days)</b>		<b>Wiederholung und Prufung!</b>	
<b>October (23 Days)</b>	<b>Lektion – drei</b>	<b>Arbeitsheft und Grammatik</b>	<b>Ratschlage geben</b>
<b>November (22 Days)</b>	<b>Lektion – vier</b>	<b>Hamburg wir kommen !</b>	<b>Konjunktiv -II</b>
<b>December (25 Days)</b>	<b>Lektion - Funf</b>	<b>Ende gut alles gut.</b>	<b>Relativpronomen</b>
<b>January (26 Days)</b>	<b>Lektion - Funf</b>	<b>Arbeitsheft und Grammatik</b>	<b>Konjugation – Zwar , aber</b>
<b>February (25 Days)</b>		<b>Wiederholung und Prufung!</b>	