

**AKAL ACADEMY**



The Real Education

**SYLLABUS BOOKLET**

**Grade : IX**

**2019 - 2020**

## Unit I (Pre Mid-Term)

Duration	Content	Subject Enrichment Activity
01/04/2019 To 17/05/2019	<p><u>Month – 1</u></p> <p><b>Beehive</b> : The Fun They Had, : The Road Not Taken (Poem) : The Sound of Music</p> <p><b>Moment</b> : The Lost Child.</p> <p><b>Grammar</b> : Tenses</p> <p><b>Writing</b> : Story writing based on a given outline or clues : Descriptive paragraph (person / place / event / diary entry) : Article Writing</p> <p><u>Month – 2</u></p> <p><b>Beehive</b> : Wind (Poem) The Little Girl Rain on The Roof (Poem)</p> <p><b>Moment</b> : The Adventures of Toto</p> <p><b>Grammar</b> : Subject Verb Agreement, Modals</p> <p><b>Writing</b> : Story writing based on a given outline or clues : Article Writing</p>	
<b>Pre Mid- Term Exam (18/05/2019 – 27/05/2019)</b>		
<b>Unit II (Mid-Term)</b>		
Duration	Content	Subject Enrichment Activity
01/07/2019 To 03/09/2019	<p><u>Month – 1</u></p> <p><b>Beehive</b> : A Truly Beautiful Mind The Lake Isle of Innisfree (Poem) The Snake and The Mirror</p> <p><b>Moment</b> : Iswaran-the Story Teller</p> <p><b>Grammar</b> : Determiners &amp; Preposition : Clauses (Noun Clause / adverbial clauses of condition and time / relative clauses)</p> <p><b>Writing</b> : Story writing based on a given outline or clues, Diary Entry, Article Writing</p> <p><u>Month – 2</u></p> <p><b>Beehive</b> : A Legend of the North Land (Poem) My Childhood</p> <p><b>Moment</b> : The Kingdom of Fools The Happy Prince</p> <p><b>Grammar</b> : Reported Speech : Clauses (Noun, Adverb, Relative)</p> <p><b>Writing</b> : Story writing based on a given outline or clues, Descriptive paragraph (Person, place or event)</p>	
<b>Mid- Term Exam (4/09/2019 - 14/09/2019)</b>		

<b>Unit III (Post Mid-Term)</b>		
<b>Duration</b>	<b>Content</b>	<b>Subject Enrichment Activity</b>
<b>21/09/2019 to 10/12/2019</b>	<p><b>Month -1</b>  <b>Literature</b> : No Men are Foreign (Poem)  Packing  Reach for the Top.  <b>Moment</b> : Weathering the Storm in Ersama.  <b>Writing</b> : Story writing based on a given outline or clues, Diary Entry, Descriptive paragraph (Person, place or event)  <b>Grammar</b> : Reported Speech  : Clauses (Noun, Adverb, Relative)</p> <p><b>Month -2</b>  <b>Beehive</b> : The Duck and The Kangaroo on Killing a Tree (Poem)  The Bond of Love.  <b>Moment</b> : The Last Leaf.  <b>Grammar</b> : Voice (Passive &amp; Active)  <b>Writing</b> : Story writing based on a given outline or clues, Diary Entry, Article writing</p>	
<b>Post Mid- Term Exam(11/12/2019-20/12/2019)</b>		
<b>Duration</b>	<b>Content</b>	<b>Subject Enrichment Activity</b>
<b>21/12/2019 to 20/02/2020</b>	<p><b>Month -1</b>  <b>Beehive</b> : The Snake Trying (Poem)  Kathmandu  <b>Moment</b> : A House is not a Home  The Beggar  <b>Grammar</b> : Voice (Passive &amp; Active)  : A quick revision of all the above grammar topics.  <b>Writing</b> : Diary Entry, Story Writing based on a given outline or clues,</p> <p><b>Month -2</b>  <b>Beehive</b> : A Slumber did My Spirit Seal (Poem)  If I were you.  <b>Moment</b> : The Accidental Tourist  <b>Grammar</b> : A quick revision of all the above grammar topics.  <b>Writing</b> : Article Writing</p>	
<b>20/02/2020 – 23/02/2020</b>	<b>Revision</b>	
<b>Final Exam</b>		

Name of the books : NCERT

Name of the publisher:

**Unit I (Pre Mid-Term)**

Duration	Content	Subject Enrichment Activity
01/04/2019 To 17/05/2019	<p><b>Chapter 1 : Number System</b>  <b>Sub Topics</b> : Irrational number, real number and decimal expansion, Representing real number on the number line, Operations on real numbers, laws of exponents for real numbers.</p> <p><b>Chapter 2 : Polynomial</b>  <b>Sub Topics</b> : Polynomial in one variable. Zeros of a polynomial, remainder theorem. Factorization of polynomial, algebraic identities.</p> <p><b>Chapter 3 : Coordinate Geometry</b>  <b>Sub Topics</b> : Cartesian system, plotting a point in the plains if it's coordinate are given.</p> <p><b>Chapter 5 : Euclid's Geometry</b>  <b>Sub Topics</b> : Euclid's definitions, axioms and postulates, equivalent versions of Euclid's fifth postulate.</p> <p><b>Chapter 6 : Lines and angles</b>  <b>Sub Topics</b> : Basic terms and definition intersecting and non- intersecting lines, pairs of angles parallel lines and transversal. lines parallel to the same lines, angle sum property of a triangle</p>	<p><b>Activity:</b></p> <ul style="list-style-type: none"> <li>Obtain length segments corresponding to square roots of natural numbers using graduated wooden sticks.</li> <li>To interpret geometrically the factors of quadratic expression of type <math>x^2+bx+c</math> using square grids, strips and paper slips.</li> <li>To obtain mirror images of figures w.e.f <math>x</math> axis and <math>y</math> axis.</li> </ul>

**Pre Mid- Term Exam (18/05/2019 – 27/05/2019)****Unit II (Mid-Term)**

01/07/2019 To 03/09/2019	<p><b>Chapter 4 : Linear equations in two variables</b>  <b>Topics</b> : To different terminologies of linear equation and will be able to solve graphs of linear equation and solve it.</p> <p><b>Chapter 7 : Triangles</b>  <b>Sub Topics:</b> Congruence of triangle, criteria for congruence. Some more criteria for congruence of triangles, Inequalities of triangles, some properties of triangle.</p> <p><b>Chapter 8 : Quadrilaterals</b>  <b>Topics</b> : Angle sum property of quadrilaterals, types of quadrilaterals properties of parallelogram, another condition for a quadrilateral to be a   gm, the midpoint theorem.</p> <p><b>Chapter 4 : Statistics</b>  <b>Topics</b> : Collection of data, presentation of data, graphical representation of data</p>	<p><b>Activity</b></p> <ul style="list-style-type: none"> <li>To express criteria of congruency of triangles using a set of triangle cut outs.</li> <li>To obtain a parallelogram by paper folding.</li> <li>To verify the mid point theorem for a triangle, using paper cutting and pasting.</li> <li>To show that the figure obtained by joining the mid points of consecutive sides of any quadrilateral is a parallelogram.</li> </ul>
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**Mid- Term Exam (4/09/2019 - 14/09/2019)****Unit III (Post Mid-Term)**

<p><b>21/09/2019 to 10/12/2019</b></p>	<p><b>Chapter 9 : Area of Parallelogram and triangles</b>  <b>Topics:</b> Figures of the same base and between the same parallels, parallelograms on the same base and between the same parallels.</p> <p><b>Chapter : 10 Circles</b>  <b>Topics</b> : Introduction, circles and its related terms angles subtended by a chord at a point, perpendicular from the center to a chord, circle to the three points. Equal chord and then distance from the center, angles subtended by an arc of a circle.</p> <p><b>Chapter 11 : Constructions</b>  <b>Topics</b> : To construct certain kinds of triangles.</p> <p><b>Chapter 12 : HERON'S formula</b>  <b>Sub Topics:</b> Application of heron's formula in finding area of a quadrilateral.</p> <p><b>Chapter 15 : Probability</b>  <b>Topics</b> : Probability an Experimental approach. .</p>	<p><b>Activity</b></p> <ul style="list-style-type: none"> <li>To show that area of parallelogram is product of its base and height using paper cutting and pasting.</li> <li>To carry out the following paper folding activities finding : <ol style="list-style-type: none"> <li>mid point of line segment</li> <li>Perpendicular bisector of line segment.</li> <li>The bisector of an angle</li> <li>The perpendicular to a line from a point given outside it.</li> <li>the perpendicular to a line at a point given on the line.</li> <li>the median of a triangle.</li> </ol> </li> </ul>
<p><b>Post Mid- Term Exam(11/12/2019-20/12/2019)</b></p>		
<p><b>Unit IV (Final Exam)</b></p>		
<p><b>21/12/2019 to 20/02/2020</b></p>	<p><b>Chapter 13 : Surface area and volume.</b>  <b>Topics</b> : surface area of cuboids, and a cube, surface area of right circular cylinder, surface area of right circular cone, surface area of sphere, volume of cuboids, cylinder, cone and sphere.</p>	
<p><b>Revision</b></p>		
<p><b>Final Exam (23/02/2019 -4/03/2020)</b></p>		

**CLASS: IX**

**SUBJECT: PHYSICS**

**Name of the books : NCERT Science, H C Verma Physics.**

**Name of the publisher: NCERT AND BHARTI BHAWAN PUBLISHERS**

**Unit I (Pre Mid-Term)**

Duration	Content	Subject Enrichment Activity
<p><b>01/04/2019 To 17/05/2019</b></p>	<p><b>Chapter 8 : Motion</b>  Describing motion, motion is a straight line, uniform and non-uniform motion, measuring rate of motion, rate of change of velocity, Graphical representation of motion including distance time graphs and velocity time graphs,</p>	<p>Oral presentation in graphs topic force and laws of motion.</p>

	equations of motion by graphical method, uniform circular motion. <b>Chapter 9 : Force and Laws of motion</b> Balanced and unbalanced forces, First law of motion, Inertia and mass.	
<b>Pre Mid- Term Exam (18/05/2019 – 27/05/2019)</b>		
<b>Unit II (Mid-Term)</b>		
<b>01/07/2019 To 03/09/2019</b>	<b>Chapter 9: Force and Laws of motion (contd...)</b> Second law of motion, Third law of motion, conservation of momentum <b>Chapter 10 : Gravitation</b> Gravitation, Universal law of gravitation, Gravity. Free fall, Calculate the value of g, motion of objects under influence of gravitational force of earth; Mass and weight, Thrust and pressure, Pressure in fluids, Buoyancy, Floating and sinking, Archimedes's Principle; relative density.	<ul style="list-style-type: none"> <li>• To determine the density of a solid (denser than water) by using a spring balance and a measuring cylinder.</li> <li>• 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.</li> </ul>
<b>Mid- Term Exam (4/09/2019 - 14/09/2019)</b>		
<b>Unit III (Post Mid-Term)</b>		
<b>21/09/2019 to 10/12/2019</b>	<b>Chapter 11 : Work and Energy</b> Work scientific conception of work, work done by a constant force, energy forms of energy, Kinetic Energy, Potential energy, P.E of an emerged at a height, Law of conservation of energy, Rate of doing work. <b>Chapter 12 : Sound</b> Production of sound, propagation of sound, sound needs a medium to travel, sound waves are longitudinal waves, characteristics of a sound wave Speed of sound in different media.	<ul style="list-style-type: none"> <li>• To verify the laws of reflection of sound.</li> <li>• Determination of the speed of a pulse propagated through a stretched string / slinky (helical spring)</li> </ul>
<b>Post Mid- Term Exam(11/12/2019-20/12/2019)</b>		
<b>Unit IV (Final Exam)</b>		
<b>21/12/2019 to 20/02/2020</b>	<b>Chapter 12 : Sound (contd...)</b> Reflection of sound , range of hearing. Application of ultra sound, structure of human ear	Quiz on the chapter 12: Sound
<b>20/2/2020 – 23/02/2020</b>	<u>Revision</u>	
<b>Final Exam</b>		

Name of the books : Science (IX) and Fundamental of Chemistry

Name of the publisher: NCERT

## Unit I (Pre Mid-Term)

Duration	Content	Subject Enrichment Activity
01/04/2019 To 17/05/2019	<p><b>Chapter 1: Matter In our surrounding (NCERT)</b>  <b>Topics:</b> Introduction, Physical Nature of Matter, Characteristics of Particles of matter, states of matter, Can matter change its states - Effect of temperature, pressure, sublimation, evaporation.</p> <p><b>Chapter 2: Is Matter around us Pure (NCERT)</b>            Introduction, Pure substance-Elements &amp; Compound, Impure substances, Mixture, Physical and Chemical changes. What is a solution, Concentration of solution, True solution, and Suspension &amp; Colloidal solution.</p>	<p><b>Experiment 1:</b>            Determination of the melting point of ice and the boiling point of water.</p> <p><b>Experiment 2:</b>            Preparation of :            a) a true solution b) a suspension            c) a colloidal solution and distinction between these on the basis of</p> <ul style="list-style-type: none"> <li>● transparency</li> <li>● filtration</li> <li>● Stability.</li> </ul> <p><b>Experiment 3:</b>            Separation of the components of a mixture of sand, common salt and ammonium Chloride (or camphor).</p>
<b>Pre Mid- Term Exam (18/05/2019 – 27/05/2019)</b>		
<b>Unit II (Mid-Term)</b>		
01/07/2019 To 03/09/2019	<p><b>Chapter 2: Is Matter around us Pure (NCERT)</b>            Separating the components of a mixture: Evaporation, Centrifugation, Distillation, Sublimation, Chromatography, Fractional Distillation, Crystallisation, Purification of Drinking water.</p> <p><b>Chapter 3: Atoms and Molecules(NCERT)</b>            Law of chemical combination, Law of conservation of mass, Law of constant proportion, Dalton's Theory,</p>	<p><b>Experiment 4:</b> Preparation of            a) a mixture b) a compound using iron filings and sulphur powder and distinction between them. Perform the following reactions and classify them as physical or chemical changes:            (a) Iron with copper sulphate solution in water            (b) Burning of magnesium ribbon in water (c) Zinc with dilute sulphuric acid            (d) heating of copper sulphate crystals (e) sodium sulphate with barium chloride in the form of their solutions in water.</p>
<b>Mid- Term Exam (4/09/2019 - 14/09/2019)</b>		
<b>Unit III (Post Mid-Term)</b>		

<b>21/09/2019 to 10/12/2019</b>	<b>Chapter 3: Atoms and Molecules(NCERT)</b> Atoms, Molecules, Atomic mass, Formula making, Molecular Mass and Mole concept. <b>Mole Concept(Fundamental of Chemistry)</b> Relative atomic mass, gram atomic mass, Molecular formula, Empirical Formula and	<b>Experiment 5:</b> Verification of the law of conservation of mass in a chemical reaction.
<b>Post Mid- Term Exam (11/12/2019 – 20/12/2019)</b>		
<b>Unit IV (Final Exam)</b>		
<b>21/12/2019 to 20/02/2020</b>	<b>Chapter 4: Structure of atom (NCERT)</b> <b>Chapter 4: Structure of atom (Fundamentals of chemistry)</b> Introduction Charged Nature of Matter, Discovery of Electron and Discovery of proton, Arrangement of electron & protons in atom, Thomson’s Model, Rutherford’s Scattering Model, Bohr’s model of an atom, Atomic Number, Atomic Mass Distribution of electron, valency, Isotopes and Isobars.	<b>Experiment 6:</b> Performing and observing the types reactions and classifying them into: a) Combination. b) Decomposition. c) Displacement. d) Double displacement.
<b>20/2/2020 – 23/02/2020</b>	<b>Revision</b>	
<b>Final Exam</b>		

**CLASS: IX**

**SUBJECT: Biology**

**Name of the books :**

**Name of the publisher:**

**Unit I (Pre Mid-Term)**

<b>Duration</b>	<b>Content</b>	<b>Subject Enrichment Activity</b>
<b>01/04/2019 To 17/05/2019</b>	<b><u>The fundamental unit of life</u></b> <b>Topic/Subtopic:</b> Introduction, What are living organisms made up of ?What is cell made up of? Plasma membrane and cell wall, concept of osmosis and diffusion and nucleus, Cytoplasm, Cell organelles, Endoplasmic Reticulum and Golgi apparatus. Lysosomes, Mitochondria, Plastids and nucleus, cell inclusions. <b><u>Tissues</u></b> <b>Topics :</b> Introduction, Plant Tissues: Meristematic tissues, Permanent tissues <b>Topics:</b> Simple Permanent tissues, Complex permanent tissue - Xylem or Phloem, Animal Tissues: Epithelial Tissue, Connective Tissue, Muscular Tissue and Nervous Tissue.	<b>Activity:</b> - (i) To prepare a temporary stained mount of onion peel and study it under the microscope (ii) To prepare stained temporary mount of human cheek cells and to record observations. (iii) To determine the percentage of water absorbed by raisins. <b>Activity:</b> - (i) To study the structure of section of dicotyledonous stem cutting. (ii) To identify different types of plant tissues (Parenchyma & Sclerenchyma) from prepared slides and draw their diagram. (iii) To

		identify different types of animal tissues (striped muscle fibres & nerves) from prepared slides and draw their labelled diagram.
<b>Pre Mid- Term Exam (18/05/2019 – 27/05/2019)</b>		
<b>Unit II (Mid-Term)</b>		
<b>01/07/2019 To 03/09/2019</b>	<b><u>Biodiversity among living organisms</u></b> <b>Topics :</b> Introduction, basis of classification, classification and evolution, hierarchy of classification groups, monera, protista, fungi, animalia, plantae, all divisions of plantae and phylums of animalia, nomenclature.	<b>Activity</b> - To study the characteristic of Spirogyra / Agaricus, moss / fern , pinus (either with male or female cone) and an angiospermic plant. draw and give to identifying features of groups they belong to. - To observe and draw the given specimens – earthworm , cockroach, bonyfish and bird. For each specimen record (a) one specific feature of its phylum (b) one adaptive feature with reference to its habitat. - To study the external features of roots, stem, leaf and flower of monocot and dicot plants.
<b>Mid- Term Exam (4/09/2019 - 14/09/2019)</b>		
<b>Unit III (Post Mid-Term)</b>		
<b>21/09/2019 to 10/12/2019</b>	<b><u>Natural Resources</u></b> <b>Topics:</b> Introduction of resources, natural resources on earth, the breath of life, air, water, rain etc., air pollution. Water pollution and their management, minerals in soil. Biogeochemical cycles, water cycle, nitrogen cycle, carbon cycle, oxygen cycle, green house effect, ozone layer. <b><u>Why do we fall ill</u></b> <b>Topics:</b> Introduction of health and hygiene & causes of disease, health and its failure, diseases and its causes, infectious and non-infectious diseases, means of spread for diseases., principles of treatment, principle of prevention, immunization .	<b>Activity</b> Role play on different diseases. Eg: Malaria, Typhoid, TB, common cold, hepatitis, AIDS, Rabis, Kala Azar etc..
<b>Post Mid- Term Exam(11/12/2019-20/12/2019)</b>		
<b>Unit IV (Final Exam)</b>		
<b>21/12/2019 to 20/02/2020</b>	<b><u>Improvement in food resources</u></b> <b>Topics:</b> Improvement in Crops Yields, Crop Variety Improvement, Crop Production Management, Manure & Fertilizers, Irrigation, Cropping Patterns, Crop Protection management, Animal Husbandry, Poultry Farming, Fish Production and Bee Keeping.	<b>Activity</b> To test; (a) the presence of starch in the given food sample (b) the presence of adulterant metanil yellow in dal.

20/02/2020 – 23/02/2020	<u>Revision</u>	
<b>Final Exam</b>		

CLASS: IX

SUBJECT: **Social Science**

Name of the books : NCERT

**Unit I (Pre Mid-Term)**

Duration	Content	Subject Enrichment Activity
<b>01/04/2019 To 17/05/2019</b>	<p style="text-align: center;"><b><u>Geography</u></b></p> <p>Chapter 1 : India Size And Location Chapter 2 : Physical Features of India Chapter 3 : Drainage</p> <p style="text-align: center;"><b><u>Democratic Politics</u></b></p> <p>Chapter 2 : What is Democracy? Why Democracy?</p> <p style="text-align: center;"><b><u>History</u></b></p> <p>Chapter1 : French Revolution</p> <p style="text-align: center;"><b><u>Economics</u></b></p> <p>Chapter 1 : The Story of Village Palampur Chapter 2 : People as Resource</p>	<p><b><u>Assignment:</u></b> Indian States &amp; Capitals</p> <p><b><u>Map Work:</u></b> Major Reliefs of India</p> <p><b><u>Poster making</u></b> Water pollution</p>
<b>Pre Mid- Term Exam (18/05/2019 – 27/05/2019)</b>		
<b>Unit II (Mid-Term)</b>		
<b>01/07/2019 To 03/09/2019</b>	<p style="text-align: center;"><b><u>Geography</u></b></p> <p>Chapter 4 : Climate Chapter 5 : Natural Vegetation</p> <p style="text-align: center;"><b><u>Democratic Politics</u></b></p> <p>Chapter 3 : Constitutional Design Chapter 4 : Electoral Politics in Democracy</p> <p style="text-align: center;"><b><u>History</u></b></p> <p>Chapter 2 : Socialism in European and the Russian Revolution</p> <p style="text-align: center;"><b><u>Economics</u></b></p> <p>Chapter 3 : Poverty as a challenge</p>	<p><b><u>Project :</u></b> Collection of material on flora and fauna</p> <p><b><u>Assignment:</u></b> Causes of poverty &amp; Poverty alleviation programme initiated by government.</p>
<b>Mid- Term Exam (4/09/2019 - 14/09/2019)</b>		
<b>Unit III (Post Mid-Term)</b>		
<b>21/09/2019 to 10/12/2019</b>	<p style="text-align: center;"><b><u>Geography</u></b></p> <p>Chapter 6 : Population</p> <p style="text-align: center;"><b><u>Democratic Politics</u></b></p> <p>Chapter 5 : Working of Institution Chapter 6 : Democratic Rights</p> <p style="text-align: center;"><b><u>History</u></b></p> <p>Chapter 3 : Nazism and the Rise of Hitler' Chapter 4 : Forest Society and Colonialism.</p> <p style="text-align: center;"><b><u>Economics</u></b></p> <p>Chapter 4 : Food Security in India.</p>	<p><b><u>Project</u></b> Visit a nearby Ration shops and collect the details of goods available.</p>
<b>Post Mid- Term Exam(11/12/2019-20/12/2019)</b>		
<b>Unit IV (Final Exam)</b>		

<b>21/12/2019 to 20/02/2020</b>	Disaster and its Management	Project
<b>20/2/2020 – 23/02/2020</b>	<u>Revision</u>	
<b>Final Exam</b>		

## LIST OF MAP ITEMS FOR SOCIAL SCIENCE

<b>Unit I</b>	
<b>History</b>	<p><b>Chapter-1: The French Revolution</b> Outline map of France (For locating and labelling/Identification) Bordeaux, Nantes, Paris, Marseilles</p>
<b>GEOGRAPHY</b>	<p><b>CH-1 : INDIA-SIZE AND LOCATION</b> 1-India-States with Capitals, Tropic of Cancer, Standard Meridian, (Location and Labelling)</p> <p><b>CH-2 : PHYSICAL FEATURES OF INDIA</b> Mountain Ranges: The Karakoram, The Zasker, The Shivalik, The Aravali, The Vindhya, The Satpura, Western &amp; Eastern Ghats Mountain Peaks – K2, Kanchan Junga, Anai Mudi, Plateau -Deccan Plateau, Chotta Nagpur Plateau, Malwa plateau Coastal Plains- Konkan, Malabar, Coromandal &amp; Northern Circar (Location and Labelling)</p> <p><b>CH-3 : DRAINAGE</b> Rivers : ( Identification only ) a) The Himalayan River Systems-The Indus, The Ganges, and The Satluj b) The Peninsular rivers-The Narmada, The Tapi, The Kaveri, The Krishna, The Godavari, The Mahanadi Lakes: Wular, Pulicat, Sambhar, Chilika</p>
<b>Unit II</b>	
<b>History</b>	<p><b>Chapter-2: Socialism in Europe and the Russian Revolution</b> Outline map of World (For locating and labelling/Identification) Major countries of First World War (Central Powers and Allied Powers) Central Powers - Germany, Austria-Hungary, Turkey (Ottoman Empire) Allied Powers - France, England, (Russia), America</p>
<b>GEOGRAPHY</b>	<p><b>CH-4 : CLIMATE</b> Areas receiving rainfall less than 20 cm and over 400 cm (Identification only)</p> <p><b>CH-5 : NATURAL VEGETATION AND WILD LIFE</b> <b>Vegetation Type:</b> Tropical Evergreen Forest, Tropical Deciduous Forest, Thorn Forest, Montane Forests and Mangrove- For identification only <b>National Parks :</b> Corbett, Kaziranga, Ranthambor, Shivpuri, Kanha, Simlipal &amp; Manas <b>Bird Sanctuaries :</b> Bharatpur and Ranganthitto</p>

	<b>Wild life Sanctuaries</b> : Sariska, Mudumalai, Rajaji, Dachigam (Location and Labelling)
<b>Unit III</b>	
<b>History</b>	<b>Chapter-3: Nazism and the Rise of Hitler</b> Outline map of World (For locating and labelling/Identification) <b>Major countries of Second World War</b> <b>Axis Powers</b> – Germany, Italy, Japan <b>Allied Powers</b> – UK, France, Former USSR, USA <b>Territories under German expansion (Nazi power)</b> Austria, Poland, Czechoslovakia(only Slovakia shown in the map), Denmark, Lithuania, France, Belgium
<b>GEOGRAPHY</b>	<b>CH-6 : POPULATION (location and labelling)</b> The state having <b>highest</b> and <b>lowest density</b> of population The state having <b>highest</b> and <b>lowest</b> sex ratio <b>Largest</b> and <b>smallest</b> state according to area.

### Internal Assessment

Sl. No.	Description	M.M.: 20
1	Paper Pencil Test	5 marks
2	Assessment using multiple strategies; eg: Quiz, Debate, Role play, group discussion etc.	5 marks
3.	Portfolio (Notebook, Map work, Assignment)	5 marks
4.	Subject Enrichment Activity	5 marks

### Marks Distribution

Sl. No.	Types of questions	Total Marks
1	Objective type questions (one mark)	$20 \times 1 = 20$
2	Short answer questions (3 marks)	$8 \times 3 = 24$
3.	Long answer questions (5 marks)	$6 \times 5 = 30$
4.	Map Skill (History – 3, Geography – 3)	$3 + 3 = 6$
	<b>Total</b>	<b>80</b>