**BEDI INTERNATIONAL SCHOOL BAREILLY**

**SPLIT UP CURRICULUM FOR CLASS-X (2023-2024)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| SUB. | PERIODIC TEST – 1(MAY 2023) | PERIODIC TEST – 2/I TERM EXAM(SEPTEMBER 2023) | PERIODIC TEST – 3/PRE-BOARD - 1(DECEMBER 2023) | PRE-BOARD – 2(JANUARY 2024) |
| **EN G L I S H** | **Grammar*** Tenses
* Determiners

**Writing*** Letter writing

**Literature** First Flight* A Letter to God
* Nelson Mandela: Long walk to Freedom

(P1)Dust of Snow (P2)Fire & IceFootprints without Feet (Supplementary Reader) L-1 A Triumph of Surgery | Reading Comprehension* Case based passage
* Discursive passage

**Grammar*** Tenses
* Determiners
* Modals
* Subject- Verb Concord

**Writing*** Writing an Analytical Paragraph
* Letter Writing

**Literature** First FlightL-1 A Letter to God L-2 Nelson Mandela: Long Walk to Freedom L-3 Two Stories about flying (i) His First Flight (ii) Black Aeroplane L-4 From the Diary of Anne Frank L-5 Glimpses of India L-6 Mijbil the Otter (P1)Dust of Snow (P2)Fire & Ice (P3)A Tiger in the Zoo (P4)How to Tell Wild Animals (P5)The Ball Poem (P6) Amanda (P7) The Trees Footprints without Feet (Supplementary Reader) L-1 A Triumph of Surgery L-2 The Thief’s StoryL-3 The Midnight Visitor L-4 A Question of TrustL-5 Footprints Without Feet L-6 The Making of a Scientist | Reading Comprehension* Case based passage
* Discursive passage

**Grammar*** + Tenses
	+ Determiners
	+ Modals
	+ Subject- Verb Concord
	+ Reported Speech
		1. Commands & Request
		2. Statements
		3. Questions

**Writing**Writing an Analytical Paragraph Letter Writing**Literature** First FlightL-1 A Letter to God L-2 Nelson Mandela: Long Walk to Freedom L-3 Two Stories about flying (i) His First Flight (ii) Black Aeroplane L-4 From the Diary of Anne Frank L-5 Glimpses of India L-6 Mijbil the Otter L-9 Madam Rides the Bus L-10 The Sermon at Benares L-11 The Proposal (P1)Dust of Snow (P2)Fire & Ice (P3)A Tiger in the Zoo (P4)How to Tell Wild Animals (P5)The Ball Poem (P6) Amanda (P7) The Trees (P8) Fog (P9) The Tale of Custard the Dragon (P10) For Anne GregoryFootprints without Feet (Supplementary Reader)L-1 A Triumph of Surgery L-2 The Thief’s StoryL-3 The Midnight Visitor L-4 A Question of TrustL-5 Footprints Without Feet L-6 The Making of a Scientist L-7 The NecklaceL-9 Bholi L-10 The Book That Saved the Earth | Reading Comprehension* Case based passage
* Discursive passage

**Grammar*** + Tenses
	+ Determiners
	+ Modals
	+ Subject- Verb Concord
	+ Reported Speech
		1. Commands & Request
		2. Statements
		3. Questions

**Writing**Writing an Analytical Paragraph Letter Writing**Literature** First FlightL-1 A Letter to God L-2 Nelson Mandela: Long Walk to Freedom L-3 Two Stories about flying (i) His First Flight (ii) Black Aeroplane L-4 From the Diary of Anne Frank L-5 Glimpses of India L-6 Mijbil the Otter L-9 Madam Rides the Bus L-10 The Sermon at Benares L-11 The Proposal (P1)Dust of Snow (P2)Fire & Ice (P3)A Tiger in the Zoo (P4)How to Tell Wild Animals (P5)The Ball Poem (P6) Amanda (P7) The Trees (P8) Fog (P9) The Tale of Custard the Dragon (P10) For Anne GregoryFootprints without Feet (Supplementary Reader)L-1 A Triumph of Surgery L-2 The Thief’s StoryL-3 The Midnight Visitor L-4 A Question of TrustL-5 Footprints Without Feet L-6 The Making of a Scientist L-7 The NecklaceL-9 Bholi L-10 The Book That Saved the Earth |
| **H I ND I** | **[kaM d**• vifBr cks/k• vifBr x|ka'k• vifBr i|ka'k**[kaM [k**• O;kdj.k ,oa ys[ku jpuk ds vk/kkj ij okD; Hksn• vuqPNsn ys[ku• i= ys[ku**[kaM x****ikB~;~~ iqLrd&** f{kfrt xn~; [kaM usrkth dk p’ek**in~; [kaM** • lwjnkl ds in• mRlkg vV ugha jgh gS  | **[kaM d**• vifBr cks/k• vifBr x|ka'k• vifBr i|ka'k**[kaM [k**• O;kdj.k ,oa ys[ku jpuk ds vk/kkj ij okD; Hksn• Ikn ifjp;• vyadkj• vuqPNsn ys[ku• i= ys[ku• lans'k ys[ku • bZ&esy**[kaM x****ikBî iqLrd& f{kfrt vkSj —frdk****x| [kaM&** • ikB 1& usrkth dk p'ek • ikB 2& ckyxksfcu Hkxr• ikB 3 &y[kuoh vankt**i| [kaM &**• ikB 1 lwjnkl ds in• ikB 2 jke y{e.k ij'kqjke laokn• ikB 5&mRlkg]vV ugh jgh gS• ikB 6 ;g narqfjr eqLdku **—frdk&**• ikB 1& ekrk dk vkapy • ikB 4 eS D;ks fy[krk gw¡ | **[kaM d**• vifBr cks/k• vifBr x|ka'k • vifBr i|ka'k **[kaM [k**• O;kdj.k vkSj ys[ku • jpuk ds vk/kkj ij okD; Hksn • okP;• vyadkj • in ifjp; • vuqPNsn ys[ku • i= ys[ku • lans'k ys[ku • foKkiu ys[ku • bZ esy • Loo`Ùk ys[ku **[kaM x** **ikBî iqLrd& f{kfrt vkSj —frdk****x| [kaM&** • ikB 10& usrkth dk p'ek • ikB 11& ckyxksfcu Hkxr• ikB 12&y[kuoh vankt• ikB 14& ,d dgkuh ;g Hkh • ikB 16 &ukScr[kkus esa bcknr • ikB 17 &laL—fr**i| [kaM &**• ikB 1 lwjnkl ds in• ikB 2 jke y{e.k ij'kqjke laokn• ikB 4 vkRedF;• ikB 5&mRlkg]vV ugh jgh gS •ikB 6 &;g narqfjr eqLdku ]Qly • ikB 9 &laxrdkj **—frdk&**• ikB 1& ekrk dk vkapy • ikB 3 &lkuk lkuk gkFk tksfM+• ikB 4 eS D;ks fy[krk gw¡ | **[kaM d**• vifBr cks/k• vifBr x|ka'k • vifBr i|ka'k **[kaM [k**• O;kdj.k vkSj ys[ku • jpuk ds vk/kkj ij okD; Hksn • okP;• vyadkj • in ifjp; • vuqPNsn ys[ku • i= ys[ku • lans'k ys[ku • foKkiu ys[ku • bZ esy • Loo`Ùk ys[ku **[kaM x** **ikBî iqLrd& f{kfrt vkSj —frdk****x| [kaM&** • ikB 10& usrkth dk p'ek • ikB 11& ckyxksfcu Hkxr• ikB 12&y[kuoh vankt• ikB 14& ,d dgkuh ;g Hkh • ikB 16 &ukScr[kkus esa bcknr • ikB 17 &laL—fr**i| [kaM &**• ikB 1 lwjnkl ds in• ikB 2 jke y{e.k ij'kqjke laokn• ikB 4 vkRedF;• ikB 5&mRlkg]vV ugh jgh gS •ikB 6 &;g narqfjr eqLdku ]Qly • ikB 9 &laxrdkj **—frdk&**• ikB 1& ekrk dk vkapy • ikB 3 &lkuk lkuk gkFk tksfM+• ikB 4 eS D;ks fy[krk gw¡ |
| **M****A****T****H****S** | * Ch 1 Real Numbers
* Ch. 8 Introduction to Trigonometry
 | * Ch. 1 Real numbers
* Ch. 2 Polynomials
* Ch. 3 Pairs of Linear equations in two variables
* Ch-4 Quadratic Equations
* Ch. 6 Triangles
* Ch-12 Area related to circles
* Ch. 8 Introduction to Trigonometry
 | * Ch. 1 Real numbers
* Ch. 2 Polynomials
* Ch. 3 Pairs of Linear equations in two variables
* Ch-4 Quadratic Equations
* Ch. 5 Arithmetic Progressions
* Ch. 6 Triangles
* Ch. 7 Co-ordinate Geometry
* Ch. 8 Intro. to trigonometry
* Ch. 9 Some App. of Trigonometry
* Ch. 10 Circles
* Ch. 11 Areas related to Circles
* Ch. 14 Probability
 | * Ch. 1 Real numbers
* Ch. 2 Polynomials
* Ch. 3 Pairs of Linear equations in two variables
* Ch-4 Quadratic Equations
* Ch. 5 Arithmetic Progressions
* Ch. 6 Triangles
* Ch. 7 Co-ordinate Geometry
* Ch. 8 Intro. to trigonometry
* Ch. 9 Some App. of Trigonometry
* Ch. 10 Circles
* Ch. 11 Areas related to Circles
* Ch. 12 Surface area & volume
* Ch. 13 Statistics
* Ch. 14 Probability
 |
| **B****I****O****L****O****G****Y** | * L – 1 Life process: Nutrition

**Practical Assessment*** Preparing a temporary Mount of leaf peel

**Diagram*** Process of photosynthesis, T.S. of Leaf, Structure of alimentary anal, Structure of lungs
 | Written Assessment Chapter 1-Life ProcessesChapter 2- Control & Co-ordination**Practical Assessment*** Preparing a temporary Mount of leaf peel to show stomata
* Experimentally show that carbon dioxide is given out during respiration
 | Chapter 1-Life Processes Chapter 2- Control & Co- ordinationChapter 3- How do Organism ReproduceChapter 4-Heredity & EvolutionChapter 5-Our Environment**Practical Assessment:*** Preparing a temporary Mount of leaf peel to show stomata
* Experimentally show that carbon dioxide is given out during respiration
* Studying
* (a) Binary fission in amoeba (b) Budding in Yeast and Hydra with the help of prepared slides.
 | Written Assessment Chapter 1-Life ProcessesChapter 2- Control & Co-ordination Chapter 3- How do Organism Reproduce Chapter 4-Heredity & EvolutionChapter 5-Our Environment**Practical Assessment*** Preparing a temporary Mount of leaf peel to show stomata
* Experimentally show that carbon dioxide is given out during respiration
* Studying
* (a) Binary fission in amoeba (b) Budding in Yeast and Hydra with the help of prepared slides.
* Identification of the different parts of an embryo of a dicot seed. (pea,gram or red kidney bean)
 |
| **P****H****Y****S****I****C****S** | * L – 1 Electricity

**Practical assessment:*** Studying the dependence of potential difference (V) across a resistor on the current (I) passing through it and determine its resistance. Also plotting a graph between V and I.
 | * L – 1 Electricity
* L – 2 Magnetic effects of current

**Practical assessment:*** Studying the dependence of potential difference (V) across a resistor on the current (I) passing through it and determine its resistance. Also plotting a graph between V and I.
 | * L – 1 Electricity
* L – 2 Magnetic effect of current
* L – 3 Human Eye and Colourful World
* L – 4 Reflection of light
* L – 5 Refraction of light **Practical assessment:**
* Experimentally show Determination of the focal length of: i) Concave mirror ii) Convex lens by obtaining the image of a distant object.
 | * L – 1 Electricity
* L – 2 Magnetic effect of current
* L – 3 Human Eye and Colourful World
* L – 4 Reflection of light
* L – 5 Refraction of light

**Practical assessment:*** Studying the dependence of potential difference (V) across a resistor on the current (I) passing through it and determine its resistance. Also plotting a graph between V and I.
* Tracing the path of a ray of light passing through a rectangular glass slab for different angles of incidence. Measure the angle of incidence, angle of refraction, angle of emergence and interpret the result.
* Tracing the path of the rays of light through a glass prism.
 |
| **C****H****E****M****I****S****T****R****Y** | * Chemical reaction & equations

**Practical assessment:*** Find the pH of the samples
* Performing and observing the following reactions and classifying them into:
1. Combination reaction
2. Decomposition reaction
3. Displacement reaction
4. Double displacement reaction
5. Action of water on quicklime
6. Action of heat on ferrous sulphate crystals
7. Iron nails kept in copper sulphate solution
 | * Chemical reaction & equations
* Acids, Bases & salts

**Practical assessment:*** Reaction of metals with salt solution
* Studying the properties of acids and bases (HCl & NaOH) on the basis of their reaction with:
1. Litmus solution (Blue/Red)
2. Zinc metal
3. Solid sodium carbonate
 | * Acids, Bases & salts
* Metals &Non metals
* Carbon and its compound

**Practical assessment:*** Reaction of metals with salt solution
* Studying the properties of acids and bases (HCl & NaOH) on the basis of their reaction with:
1. Litmus solution (Blue/Red)
2. Zinc metal
3. Solid sodium carbonate
* Study of the following properties of acetic acid (ethanoic acid):
1. Odour
2. solubility in water
3. effect on litmus
4. reaction with Sodium hydrogen carbonate
* Study of the comparative cleaning capacity of a sample of soap in soft and hard water.
 | * Chemical reaction & equations
* Acids, Bases & salts
* Metals &Non metals
* Carbon & its compounds

**Practical assessment:*** + Finding the pH of the samples
	+ Preparing & observing the chemical reactions & their classification
	+ Reaction of metals with salt solution
	+ Study the properties of Acetic acid (Ethanaic acid)
	+ Cleaning capacity of a sample of a soap.
 |
| **I N F O R M A T I O N****T E C H.** | **PART B : Vocational Skills*** Unit–1: Digital Documentation (Advanced)
 | **PART A : Employability Skills*** Unit–1: Communication Skills
* Unit–2: Self – Management
* Unit–3: Basic ICT Skills – II

**PART B : Vocational Skills*** Unit–1: Digital Documentation (Advanced)
* Unit–2: Electronic Spreadsheets (Advanced)
* Unit–3: Database Management System
 | **PART A : Employability Skills*** Unit–1: Communication Skills
* Unit–2: Self – Management
* Unit–3: Basic ICT Skills – II
* Unit–4: Entrepreneural Skills

**PART B : Vocational Skills*** Unit–1: Digital Documentation (Advanced)
* Unit–2: Electronic Spreadsheets (Advanced)
* Unit–3: Database Management System
* Unit–4: Web Application and Security
 | **PART A : Employability Skills*** Unit–1: Communication Skills
* Unit–2: Self – Management
* Unit–3: Basic ICT Skills – II
* Unit–4: Entrepreneural Skills
* Unit–5: Green Skills

**PART B : Vocational Skills*** Unit–1: Digital Documentation (Advanced)
* Unit–2: Electronic Spreadsheets (Advanced)
* Unit–3: Database Management System
* Unit–4: Web Application and Security
 |
| **S O C I A L****S T U D I E S** | **History*** L – 1 The Rise of Nationalism in Europe

**Economics*** L – 1 Development

**Geography*** L – 1 Resources& development
 | **History*** L – 1 The Rise of Nationalism in Europe
* L – 2 Nationalism in India
* L-3 The making of The global world

**Political science*** L – 1 Power sharing
* L-2 Federalism

**Economics:*** L – 1 Development
* L-2 Sectors of the Indian Economy

**Geography*** L – 1 Resources & development
* L- 2 Forest & Wild Life
 | **History*** L – 1 The Rise of Nationalism in Europe
* L – 2 Nationalism in India
* L – 3 The making of the global world
* L-4 The Age of Industrialization

**Political science*** L – 1 Power Sharing
* L – 2 Federalism
* L – 4 Gender, Religion & caste in policies
* L- 6 Political parties

**Economics*** L – 1 Development
* L – 2 Sectors of Indian Economy
* L – 3 Money & Credit
* L- 4 Globalization & The Indian Economy

**Geography*** + L – 1 Resources and Development
	+ L – 2 Forest and Wildlife
* L-3 Water Resources
* L-4 Agriculture
* L – 5 Minerals and Energy Resources
* L – 6 Manufacturing Industries

MAP WORK AS PER THE CBSE SYLLABUS | **History*** L – 1 The Rise of Nationalism in Europe
* L – 2 Nationalism in India
* L-3 The making of The global world
* L-4 The Age of Industrialization
* L-7 Print culture & The Modern world

**Political science*** L – 1 Power sharing
* L-2 Federalism
* L – 4 Gender, Religion & caste in policies
* L- 6 Political parties
* L – 7 Outcomes of Democracy

**Economics*** L – 1 Development
* L-2 Sectors of the Indian Economy
* L – 3 Money & Credit
* L- 4 Globalization &The Indian Economy

**Geography*** + L – 1 Resources & development
	+ L- 2 Forest & Wild Life
	+ L-3 Water Resources
	+ L-4 Agriculture
	+ L – 5 Minerals & Energy Resources
	+ L- 6 Manufacture Industries
	+ L-7 Life Line of National Economy

MAP WORK AS PER THE CBSE SYLLABUS |
| ***ART EDUCAT- -ION*** |  | **Draw & Colour** * Drawing with pencils
* Using Water colours
* Using Pastel cololurs
* Folk Art

**Creative Work*** Texture Painting
* Modern Painting
 |  | **Draw & Colour** * Still Life
* Picture Composition
* Landscape
* Human Figures

**Creative Work** * Indian Forms of Painting
* Textile Painting
 |