# DELHI PUBLIC SCHOOL
## FARIDABAD

# SYLLABUS  2023–24

# CLASS - IX

# Weekly Test Schedule and Syllabus  (2023-2024)
## CLASS - IX

### CYCLE - I

| Date | Subject | Syllabus |
|---|---|---|
| 24-04-2023 | English | Sec A - Comprehension<br>Sec B - Paragraph Writing (Person)<br>Sec C - Integrated Grammar<br>Sec D - How I taught My Grandmother to Read, The Road notTaken |
| 01-05-2023 | Maths | Number System |
| 08-05-2023 | Science | **Physics**<br>Motion (Partly)<br>**Chemistry**<br>Matter in our surrounding (Partly)<br>**Biology**<br>The fundamental unit of life (Partly) |
| 15-05-2023 | Social Science | **History**<br>The French Revolution (Partly)<br>**Political Science**<br>What is Democracy and Why Democracy?<br>**Geography**<br>Chapter 1 :India-Size and Location and related map work<br>Chapter 2 :Physical features of India (partly) and related map work<br>**Economics**<br>Chapter 1 : The Story of Village Palampur (Partly) |
| 03-07-2023 | Hindi | स्पर्श – रहीम के दोहे, दुख का अधिकार,<br>व्याकरण – शब्द और पद, अनुस्वार, अनुनासिक, पत्र, अपठित गद्यांश |
| | Sanskrit | पाठ 1, 2 सन्धि – दीर्घ, गुण, शब्दरूपाणि – बालक, लता, धातुरूपाणि – पठ्, वद् (तीनों लकार), कारक, उपपद विभक्ति (द्वितीया), प्रत्यय:(क्त्वा, तुमुन्, ल्यप्), अपठित गद्यांश:, पत्रम्, चित्रम् ⁄ अनुच्छेदलेखनम्, संवादलेखनम् ⁄ कथापूर्तिः |
| | French | Leçon 1, 2, 3 |
| | German | • Allein zu Hause!<br>• Wir kaufen nichts!<br>• Genetiv<br>• Genetiv Präposition: während<br>• Trennbare Verben<br>• zu+ inf<br>• Satzverbindung: wenn<br>• Email |

# CYCLE - II

| Date | Subject | Syllabus |
|---|---|---|
| 17-07-2023 | English | Sec A - Comprehension<br>Sec B - Paragraph Writing, Informal Letter, Notice Writing, Dialogue Writing<br>Sec C - Integrated Grammar<br>Sec D - The Solitary Reaper, A Dog Named Duke, How I taught My Grandmother to Read, The Brook, The Road not Taken, The Villa for Sale |
| 24-07-2023 | Maths | Number System, Polynomials, Lines and Angles, Co-ordinate Geometry, Linear Equation in two variables. |
| 31-07-2023 | Science | **Physics**<br>Ch- Force and laws of motion (Partly)<br>**Chemistry**<br>Matter in our surrounding<br>Is matter around us pure? (Elements, Compounds, Mixtures)<br>**Biology**<br>The fundamental unit of life<br>Tissues : Plant tissues |
| 07-08-2023 | Social Science | **History**<br>• The French Revolution (Partly)<br>• Socialism in Europe and the Russian Revolution (Partly)<br>Maps -<br>Important Centres of French Revolution<br>To mark the countries of the First World War.<br>**Political Science**<br>What is Democracy and Why Democracy?<br>Constitutional Design<br>**Geography**<br>Chapter 2 : Physical Features of India (Partly)<br>Chapter 3 : Drainage (Partly)<br>Related map work both chapter 2 & 3<br>**Economics**<br>The Story of Village Palampur, People as Resource (Till Economic Activities by Men and Women) |
| 14-08-2023 | Hindi | स्पर्श – रैदास के पद, वैज्ञानिक चेतना के वाहक : चंद्रशेखर वेंकट रमन<br>व्याकरण – स्वर संधि, उपसर्ग और प्रत्यय, संवाद लेखन, चित्र लेखन |
| | Sanskrit | पाठ 3, उच्चारणस्थानानि, अयादि सन्धि, कारक, उपपद विभक्तिः(तृतीया, चतुर्थी), शब्दरूपाणि – कवि, साधु, धातुरूपाणि – भू अस्, नी, (लट्, लृट्, लङ्), प्रत्यय – शतृ, संख्या (1–25), अव्ययाः, अपठित गद्यांशः, पत्रम्, चित्रम्/अनुच्छेदलेखनम्, संवादपूर्तिः/कथापूर्तिः |
| | French | Leçon 4, 5 |
| | German | • Wir kaufen nichts!<br>• Das würde ich nie tun!<br>• während+ Genetiv<br>• Trennbareverben<br>• Satzverbindung: weil; um..zu; damit<br>• Email |

# CYCLE - III

| Date | Subject | Syllabus |
|---|---|---|
| 16-10-2023 | English | Sec A - Comprehension<br>Sec B - Paragraph Writing<br>Sec C - Integrated Grammar<br>Sec D - Song of The Rain, The Bishop's Candlesticks |
| 30-10-2023 | Maths | Quadrilaterals |
| 06-11-2023 | Hindi | स्पर्श – खुशबू रचते हैं हाथ, तुम कब जाओगे, अतिथि<br>व्याकरण – विराम चिह्न, अपठित गद्यांश, अनुच्छेद लेखन |
| | Sanskrit | पाठ 5, 6, शब्दरूपाणि – तत्, किम्, धातुरूपाणि – प्रच्छ्, क्षाल् (लट्, लृट्, लङ्), कारक, उपपद विभक्तिः (पंचमी, षष्ठी), संख्या (26–50), अव्ययाः (प्रश्न बोधकानि), अपठित–गद्यांशः, पत्रम्, चित्रम् ∕ अनुच्छेदलेखनम्, संवादपूर्तिः ∕ कथापूर्तिः |
| | French | Leçon 6, 7, 8 |
| | German | • Hamburg, wir kommen<br>• KII<br>• Satzverbindung : während; bevor<br>• Feste Präposition<br>• Email<br>• Dialog |
| 20-11-2023 | Science | **Physics**<br>Work and Energy<br>**Chemistry**<br>Atom and Molecule (Partly)<br>**Biology**<br>Animal tissues : Connective tissue<br>Improvement in Food Resources (Partly) |
| 28-11-2023 | Social Science | **History**<br>Nazism and the Rise of Hitler (Partly)<br>Forest Society and Colonialism (Topic - Why Deforestation)<br>**Political Science**<br>Electoral Politics (remaining portion)<br>Working of Institutions (Partly)<br>**Geography**<br>Chapter 4 : Climate (Partly), related map work<br>**Economics**<br>Chapter 3 : Poverty As A Challenge |

# CYCLE - IV

| Date | Subject | Syllabus |
|---|---|---|
| 04-12-2023 | English | Sec A - Comprehension<br>Sec B - Notice, Dialogue Writing<br>Sec C - Integrated Grammar<br>Sec D - Keeping It From Harold, The Seven Ages |
| 11-12-2023 | Maths | Quadrilaterals, Statistics, Circles |
| 18-12-2023 | Science | **Physics**<br>Work and Energy<br>Sound (Partly)<br>**Chemistry**<br>Atom and Molecule<br>Structure of Atom (Partly)<br>**Biology**<br>Animal tissues : Connective tissue<br>Improvement in Food Resources |
| 26-12-2023 | Social Science | **History**<br>Nazism and the Rise of Hitler (Partly)<br>Forest Society and Colonialism (Topic - Why Deforestation)<br>Pastoralists in the modern world<br>**Political Science**<br>Working of Institutions (Remaining Portion)<br>Democratic Rights (Partly)<br>**Geography**<br>Chapter 4 : Climate<br>Chapter 5 : Natural Vegetation and Wildlife (only wildlife)<br>Chapter 6 : Population (Partly)<br>**Economics**<br>Chapter 3 : Poverty As A Challenge<br>Chapter 4 : Food Security in India (Till What is the Public Distribution system?) |
| 15-01-2024 | Hindi | स्पर्श – शुक्रतारे के सम्मान, नए इलाके में<br>व्याकरण – स्वर संधि,  अर्थ के आधार पर वाक्य भेद (पुनरावृति) संवाद लेखन, अपठित गद्यांश |
| | Sanskrit | पाठ 8, 9, शब्दरूप – भवत्, धातुरूप – सेव्, लभ् (लट्, लृट्) विसर्ग सन्धि, कारक, उपपद विभक्ति (सप्तमी), अव्यय (अन्यानि), संख्या (50–75), अपठित गद्यांशः, पत्रम्,<br>चित्रम्/अनुच्छेदलेखनम्, संवादपूर्तिः/कथापूर्तिः |
| | French | Leçon 8, 9, 10 |
| | German | • Ende gut, alles gut<br>• wegen+ Genetiv<br>• zwar…aber<br>• Relativpronomenim Nominativ, Akkusativ und Dativ<br>• Feste Präposition<br>• Email<br>• Dialog |

# ENGLISH

**Prescribed Text Books—**

Interact in English: Literature Reader (Revised Edition)

A Textbook for English Course (Communicative)

Interact in English: Main Course Book (Revised Edition)

A Textbook for English Course (Communicative)

Interact in English: Workbook (Revised Edition)

For English Communicative

| | | | |
|---|---|---|---|
| **Unit - I** | **April 03 to May 20 =  19 + 15 = 34** | | |
| | **Literature** | - | How I taught My grandmother to read, The Brook, The Road not Taken, A Dog Named Duke |
| | **MCB** | - | People, Environment |
| | **Writing Skills** | - | Paragraph Writing, Informal Letter |
| | **Grammar** | - | Integrated Grammar |
| | **WORKBOOK** | - | Verb forms, Determiners |
| **Unit - II** | **July 03 to August 04 = 22 + 4 = 26** | | |
| | **Literature** | - | The Villa for Sale, The Solitary Reaper |
| | **MCB** | - | Sports & Games |
| | **Writing Skill** | - | Notice Writing, Dialogue Writing |
| | **Grammar** | - | Integrated Grammar |
| | **Workbook** | - | Modals |
| **Unit - III** | **August 07 to September 15 = 19 + 11 = 30** | | |
| | **Literature** | - | The Man Who Knew too Much, Oh I Wish I had Looked After My Teeth |
| | **MCB** | - | Children |
| | **Writing Skills** | - | Informal Letter |
| | **Grammar** | - | Integrated Grammar |
| | **Workbook** | - | Connectors, Future Time Reference |
| **Unit - IV** | **October 03 to November 30 = 20 + 16 = 36** | | |
| | **Literature** | - | Keeping It From Harold, Song of The Rain, The Bishop's Candlesticks |
| | **MCB** | - | Adventure, Mystery |
| | **Writing Skills** | - | Paragraph Writing |
| | **Grammar** | - | Integrated Grammar |
| | **Workbook** | - | The Passive |
| **Unit - V** | **December 01 to December 29 = 21** | | |
| | **Literature** | - | Best Seller, The Seven Ages |
| | **MCB** | - | Radio & Video Show |
| | **Writing Skills** | - | Notice, Dialogue Writing |
| | **Grammar** | - | Integrated Grammar |
| | **Workbook** | - | Prepositions, Reported Speech |
| **Unit - VI** | **January 08 to February 9 = 18 + 7 = 25** | | |
| | **Revision** | | |

**Prescribed Text Book —** A Text book of Mathematics : N.C.E.R.T.

**Unit - I** April 03 to May 20 = 19 + 15 = 34

**Chp.**  **1. Number system**
  **2. Polynomials**
  **3. Lines and Angles**

**Number System**

1. Review of representation of natural numbers, integers, rational numbers on the number line. Rational numbers as recurring/ terminating decimals. Operations on real numbers.
2. Examples of non-recurring/non-terminating decimals. Existence of non-rational numbers (irrational numbers) such as $\sqrt{2}$, $\sqrt{3}$ 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.
3. Definition of nth root of a real number.
4. Rationalization (with precise meaning) of real numbers of the type $\dfrac{1}{a+b\sqrt{x}}$ and $\dfrac{1}{\sqrt{x}+\sqrt{y}}$ (and their combinations) where x and y are natural number and a and b are integers.
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.)

**Polynomial**

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. 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 Theorem. Recall of algebraic expressions and identities. Verification of identities:

$(x + y + z)^2 = x^2 + y^2 + z^2 + 2xy + 2yz + 2zx$

$(x \pm y)^3 = x^3 \pm y^3 \pm 3xy(x \pm y)$

$x^3 \pm y^3 = (x \pm y)(x^2 \mp xy + y^2)$

$x^3 + y^3 + z^3 - 3xyz = (x+y+z)(x^2+y^2+z^2-xy-yz-zx)$

If $x+y+z=0$, then $x^3+y^3+z^3=3xyz$

and their use in factorization of polynomials.

**Lines and Angles**

1. (Motivate) if a ray stands on a line, then the sum of the two adjacent angles so formed is 180° and the converse.
2. (Prove) If two lines intersect, vertically opposite angles are equal.
3. (Motivate) Lines which are parallel to a given line are parallel.

**Unit - II :** July 03 to August 04 = 22 + 4 = 26

**Chp.**  **1. Co-ordinate Geometry**
  **2. Linear Equations in two variables**
  **3. Introduction to Euclid's Geometry**

**Coordinate Geometry**

The Cartesian plane, coordinates of a point, names and terms associated with the coordinate plane, notations.

**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.

**Introduction to Euclid's Geometry**

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. Equivalent versions of the fifth postulate. 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.

**Unit - III    August 07 to September 15 = 19 + 11 = 30**

**Chp.    1.  Triangles**

       **2.  Heron's Formula**

**Triangles**

1. (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).
2. (Motivate) 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).
3. (Motivate) Two triangles are congruent if the three sides of one triangle are equal to three sides of the other triangle (SSS Congruence).
4. (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)
5. (Prove) The angles opposite to equal sides of a triangle are equal.
6. (Motivate) The sides opposite to equal angles of a triangle are equal.

**Heron's Formula**

Area of a triangle using Heron's formula (without proof).

**Unit - IV    October 03 to November 30 = 20 + 16 = 36**

**Chp.    1.  Quadrilaterals**

**Quadrilaterals**

1. Prove– The diagonal divides a parallelogram into two congruent triangles.
2. Motivate – In a parallelogram opposite sides are equal, and conversely.
3. Motivate –In a parallelogram opposite angles are equal and conversely.
4. Motivate – A quadrilateral is a parallelogram if a pair of its opposite sides is parallel and equal.
5. Motivate – In a parallelogram the diagonals bisect each other and conversely.
6. Motivate – In a triangle, the line segment joining the mid points of any two sides is parallel to the third side and is half of it and (motivate) its converse.

**Unit - V    December 01 to December 29 = 21**

       **1.  Statistics**

       **2.  Circles**

**Statistics**

Bar graphs, histograms (with varying base lengths) and frequency polygon.

**Circles**

Through examples, arrive at definition of circle and related concepts - radius, circumference, diameter, chord, arc, secant, sector, segment, subtended angle.

1. (Prove) Equal chords of a circle subtend equal angles at the center and (motivate) its converse.
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.
3. (Motivate) Equal chords of a circle (or of congruent circles) are equidistant from the center (or their respective centers) and conversely.
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.
5. (Motivate) Angles in the same segment of a circle are equal.
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.
7. (Motivate) The sum of either of the pair of the opposite angles of a cyclic quadrilateral is 180° and its converse.

**Unit - VI    January 08 to February 9 = 18 + 7 = 25**

       **1.  Circles (Cont.)**

       **2.  Surface areas and Volumes**

**Circles**

**Surface areas and Volumes**

Surface areas and volumes of spheres (including hemispheres) and right circular cones.

**Revision**

**PHYSICS**

**Prescribed Text Books—**

Science — A Text book for class IX : N.C.E.R.T.

**Unit - I**     **April 03 to May 20 = 19 + 15 = 34**
           **Chapter :** Motion

**Unit - II :**    **July 03 to August 04 = 22 + 4 = 26**
           **Chapter :** Force and laws of motion

**Unit - III**    **August 07 to September 15 = 19 + 11 = 30**
           **Chapter :** Gravitation
           **Practical :**
1. To determine the density of a solid (denser than water) by using a spring balance and a measuring cylinder.
2. To establish the relation between the loss in weight of solid (denser than water) when fully immersed in (i) tap water (ii) strongly salty water, with the weight of water displaced by it by taking at least two different solids.

**Unit - IV**    **October 03 to November 30 = 20 + 16 = 36**
           **Chapter :** Work and Energy, Sound (Partly)
           **Practical :**
To determine the speed of a pulse propagated through a stretched slinky/string.

**Unit - V**    **December 01 to December 29 = 21**
           **Chapter :** Sound (Remaining Part)
           **Practical :**
To verify laws of reflection of sound.

**Unit - VI**    **January 08 to February 9 = 18 + 7 = 25**
           **Revision**

# CHEMISTRY

**Prescribed Text Books—**

Science — A text book - IX — N.C.E.R.T.


**Unit - I April 03 to May 20 =  19 + 15 = 34**

            L -1                Matter in our surrounding (NCERT)

            **Practical 1:**     To determine the melting point of ice and boiling point of water.


**Unit - IIJuly 03 to August 04 = 22 + 4 = 26**

            L- 2              Is matter around  us pure (NCERT)

            **Practical 2:**     To prepare a) mixture b) a compound using iron filling and sulphur powder and distinguish their properties.

            **Practical 3**:     To prepare true solution, colloidal solution and suspension and study their properties.


**Unit - III    August 07 to September 15 = 19 + 11 = 30**

            L- 3              Atom and Molecule (NCERT)


**Unit - IV    October 03 to November 30 = 20 + 16 = 36**

            L- 3              Atom and Molecule (NCERT) (contd.)

            L- 4              Structure of Atom (NCERT)

            **Practical 4** : To verify Law of Conservation of Mass.


**Unit - V    December 01 to December 29 = 21**

            L- 4              Structure of Atom (NCERT) (contd.)

            **Practical 5:** To study the different types of chemical reactions.


**Unit - VI    January 08 to February 9 = 18 + 7 = 25**

            **Revision**

**BIOLOGY**

**Prescribed Text Books—** Science NCERT for Class IX.

**Unit - I**  **April 03 to May 20 =  19 + 15 = 34**

**The fundamental unit of life** — Introduction to cell, unicellular and multicellular organisms, division of labour, structural organisation of a cell – plasma membrane, cell wall, nucleus, cytoplasm and various cell organelles.

**Practical  –** (a) To prepare stained temporary mount of onion peel, and to record observations and draw their labelled diagrams. (b) To prepare stained temporary mount of human cheek cells, and to record observations and draw their labelled diagrams.

**Unit - II**  **July 03 to August 04 = 22 + 4 = 26**

**Tissues : Plant tissues -** Meristematic tissue and Permanent tissues in plants, Simple Permanent tissue (Parenchyma, Collenchyma and Sclerenchyma), Complex permanent tissues (Xylem and Phloem)

**Practical :**  To identify different types of plant tissues (Parenchyma, Collenchyma and Sclerenchyma).

**Unit - III**  **August 07 to September 15 = 19 + 11 = 30**

**Animal tissues :** Epithelial tissue, Muscular tissue & Nervous tissue

**Practical :**  To identify different types of animal tissues (Striated, smooth and cardiac muscle fibres and nerve cells) from prepared slides and draw their labelled diagrams.

**Unit - IV**  **October 03 to November 30 = 20 + 16 = 36**

**Animal tissues :** Connective tissue

**Improvement in Food Resources**

Plant and plant breeding and selection for quality improvement and management; Use of fertilizers and manures; Protection from pests and diseases; Organic farming.

**Unit - V**  **December 01 to December 29 = 21**

**Improvement in Food Resources (Contd.)**

Animal breeding and selection for quality improvement and management, Cattle farming, Pisciculture, Poultry Farming, Apiculture.

**Unit - VI**  **January 08 to February 9 = 18 + 7 = 25**

**Natural Resources :** Mineral riches in the soil, Biogeochemical cycles in nature, Ozone hole (FOR INTERNAL ASSESSMENT AS PART OF PORTFOLIO)

**Revision**

**HISTORY**

**Prescribed Text Books—**

India and the Contemporary World- I

| | |
|---|---|
| **Unit - I** | **April 03 to May 20 =  19 + 15 = 34** |
| | **The French Revolution** |

French Society, Outbreak of the Revolution, French Abolishes Monarchy and becomes a republic, women in Revolution, Abolition of slavery, The Revolution and Everyday Life.

| | |
|---|---|
| **Unit - II** | **July 03 to August 04 = 22 + 4 = 26** |
| | **Socialism in Europe and the Russian Revolution** |

Condition of Russia, The coming of Socialism to Europe, The Cause, Event and Result of Feburary and October Revolution, Its Global Impact.

| | |
|---|---|
| **Unit - III** | **August 07 to September 15 = 19 + 11 = 30** |
| | **Nazism and the Rise of Hitler (Partly)** |
| | **Map –** To mark Axis and Allies power on the Political map of the World. |

| | |
|---|---|
| **Unit - IV** | **October 03 to November 30 = 20 + 16 = 36** |
| | **Nazism and the Rise of Hitler (Partly)** |
| | **Forest Society and Colonialism** |

| | |
|---|---|
| **Unit - V** | **December 01 to December 29 = 21** |
| | **Pastoralists in the modern world** |

| | |
|---|---|
| **Unit - VI** | **January 08 to February 9 = 18 + 7 = 15** |
| | **Revision** |

# POLITICAL SCIENCE

**Prescribed Text Books—**

Democratic Politics - Part-I, NCERT

**Unit - I**    **April 03 to May 20 =  19 + 15 = 34**

        Chapter 1      :     What is Democracy?

                                    Why Democracy?

**Unit - II**    **July 03 to August 04 = 22 + 4 = 26**

        Chapter 2      :     Constitutional Design

        Chapter 3      :     Electoral Politics (Partly)

**Unit - III**    **August 07 to September 15 = 19 + 11 = 30**

        Chapter 3      :     Electoral Politics (remaining portion)

**Unit - IV**    **October 03 to November 30 = 20 + 16 = 36**

        Chapter 4      :     Working of Institutions

**Unit - V**    **December 01 to December 29 = 21**

        Chapter 6      :     Democratic Rights

**Unit - VI**    **January 08 to February 9 = 18 + 7 = 25**

        **Revision**

**Prescribed Text Books—**

Text Book : Contemporary India - Part I, NCERT

| | | | |
|---|---|---|---|
| **Unit - I** | **April 03 to May 20 =  19 + 15 = 34** | | |
| | Chapter 1 | : | India-Size and Location |
| | Chapter 2 | : | Physical features of India (Partly) |

| | | | |
|---|---|---|---|
| **Unit - II** | **July 03 to August 04 = 22 + 4 = 26** | | |
| | Chapter 2 | : | Physical features of India (Contd.) |
| | Chapter 3 | : | Drainage (Partly) |

| | | | |
|---|---|---|---|
| **Unit - III** | **August 07 to September 15 = 19 + 11 = 30** | | |
| | Chapter 3 | : | Drainage (Partly) |
| | Chapter 4 | : | Climate (Partly) |

| | | | |
|---|---|---|---|
| **Unit - IV** | **October 03 to November 30 = 20 + 16 = 36** | | |
| | Chapter 4 | : | Climate (Contd.) |
| | Chapter 5 | : | Natural Vegetation and Wildlife (only wildlife) |

| | | | |
|---|---|---|---|
| **Unit - V** | **December 01 to December 29 = 21** | | |
| | Chapter 6 | : | Population |

| | | |
|---|---|---|
| **Unit - VI** | **January 08 to February 9 = 18 + 7 = 25** | |
| | **Revision** | |

# ECONOMICS

**Prescribed Text Books—**

Economics - NCERT

**Unit - I**  **April 03 to May 20 = 19 + 15 = 34**

        Chapter 1      :     The Story of Village Palampur

        Chapter 2      :     People as Resource (Partly)

**Unit - II**  **July 03 to August 04 = 22 + 4 = 26**

        Chapter 2      :     People as Resource (Partly)

**Unit - III**  **August 07 to September 15 = 19 + 11 = 30**

        Chapter 3      :     Poverty As A Challenge (Partly)

**Unit - IV**  **October 03 to November 30 = 20 + 16 = 36**

        Chapter 3      :     Poverty As A Challenge (Partly)

        Chapter 4      :     Food Security in India (Partly)

**Unit - V**  **December 01 to December 29 = 21**

        Chapter 4      :     Food Security in India (Partly)

**Unit - VI**  **January 08 to February 9 = 18 + 7 = 25**

        **Revision**

*निर्धारित पुस्तकें:*      स्पर्श–     पाठ्य पुस्तिका
                        संचयन     –     पूरक–पुस्तिका
                        व्याकरण     –     व्याकरण अयन

**इकाई 1**     अप्रैल 03 से मई 20 (19+15=34) कार्य दिवस।

स्पर्श            रहीम के दोहे, दुख का अधिकार, वैज्ञानिक चेतना के वाहक : चंद्रशेखर वेंकट रमन

संचयन         गिल्लू

व्याकरण      शब्द और पद, अनुस्वार, अनुनासिक, उपसर्ग, प्रत्यय, पत्र, अनुच्छेद, अपठित गद्यांश

**इकाई 2**     जुलाई 03 से अगस्त 04 (22+4=26) कार्य दिवस।

स्पर्श            एवरेस्ट मेरी शिखर–यात्रा, रैदास के पद, अग्नि पथ

संचयन         स्मृति

व्याकरण      स्वर संधि, अर्थ के आधार पर वाक्य भेद, संवाद लेखन, चित्र लेखन, अपठित गद्यांश

**इकाई 3**     अगस्त 03 से सितंबर 15 (19+11=30) कार्य दिवस।

स्पर्श            तुम कब जाओगे, अतिथि, गीत–अगीत

संचयन         कल्लू कुम्हार की उनाकोटि

व्याकरण      अनुच्छेद लेखन, पत्र, अपठित गद्यांश, उपसर्ग, प्रत्यय

**इकाई 4**     अक्टूबर 03 से नवंबर 30 (20+16=36) कार्य दिवस।

स्पर्श            नए इलाके में, खुशबू रचते हैं हाथ

संचयन         मेरा छोटा–सा निजी पुस्तकालय

व्याकरण      अर्थ के आधार पर वाक्य भेद, विराम चिह्न, अपठित गद्यांश, अनुच्छेद लेखन

**इकाई–5**     दिसंबर 01 से दिसंबर 29 (21) कार्य दिवस।

स्पर्श            शुक्रतारे के समान

संचयन         कल्लू कुमार की उनाकोटि

व्याकरण      स्वर संधि, अर्थ के आधार पर वाक्य भेद (पुनरावृति) संवाद लेखन , अपठित गद्यांश

**इकाई–6**     जनवरी 08 से फरवरी 09 (18+7=25) कार्य दिवस।

             संपूर्ण पाठ्यक्रम की पुनरावृति

**टिप्पणी –**     स्पर्श – धर्म की आड़, आदमीनामा, एक फूल की चाह

             संचयन – हामिद खाँ, दिये जल उठे – केवल पढ़ने के लिए।

# संस्कृतम्

*निर्धारित पुस्तकानि*

मणिका – प्रथमः भागः

मणिका अभ्यासपुस्तकम् – प्रथमः भागः

**इकाई 1**   अप्रैल 03 से मई 20 (19+15=34) कार्य दिवस।

पाठ 1, 2 : अविवेकः परमापदां पदम्, पाथेयम्।

(पाठांश, प्रश्न निर्माणम्, अन्वयः, पाठाधारित – कथापूर्तिः, पर्यायमेलनम् / विशेष्य–विशेषणमेलनम् / विलोम पदानि, कर्ता–क्रिया पदचयनम्, प्रसंगानुसारम् अर्थचयनम्)

1.  उच्चारणस्थानानि
2.  सन्धिकार्यम् – स्वरसन्धिः (दीर्घ, गुण वृद्धि, यण)
3.  शब्दरूपाणि – पुल्लिङ्गशब्दाः; अकारान्तः – बालकवत्, स्त्रीलिङ्गशब्दाः आकारान्तः – लतावत्, ईकारान्तः – नदीवत्
4.  धातुरूपाणि – परस्मैपदिनः गम्, नम्, भू (पञ्चसु लकारेषु)
5.  कारक
6.  उपपद–विभक्तयः द्वितीया – परितः, समया, निकषा, प्रति, विना, उभयतः
7.  प्रत्ययाः – क्त्वा, तुमुन्, ल्यप्
8.  अपठित गद्यांशः
9.  पत्रम्
10. चित्रम् / अनुच्छेदलेखनम्
11. संवादलेखनम् / कथापूर्तिः
12. अव्यय स्थानबोधकानि – अत्र, तत्र, अन्यत्र, सर्वत्र, यत्र, एकत्र, उभयत्र

**इकाई 2**   जुलाई 03 से अगस्त 04 (22+4=26) कार्य दिवस।

पाठ 3, 4, 10 : विजयतां स्वदेशः, विद्यया भान्ति सद्गुणाः, भारतीय विज्ञानम् (केवलम् आन्तरिकमूल्याङ्कनाय)।

(पाठांश, प्रश्न निर्माणम्, अन्वयः, पाठाधारित – कथापूर्तिः, पर्यायमेलनम् / विशेष्य–विशेषणमेलनम् / विलोम पदानि, कर्ता–क्रिया पदचयनम्, प्रसंगानुसारम् अर्थचयनम्)

1.  उच्चारणस्थानानि
2.  सन्धिकार्यम् – स्वरसन्धिः (अयादि), व्यञ्जनसन्धिः (वर्गीयप्रथमवर्णस्य तृतीयवर्णे परिवर्तनम् 'म्' स्थाने अनुस्वारः)
3.  शब्दरूपाणि – पुल्लिङ्गशब्दाः उकारान्तः – साधुवत्, इकारान्तः– कविवत्, नपुसकलिङ्गशब्दाः अकारान्तः – फलवत्, सर्वनामशब्दाः, अस्मद्
4.  धातुरूपाणि – परस्मैपदिनः, भू अस् (पञ्चसु लकारेषु)
5.  कारक
6.  उपपद–विभक्तयः तृतीया– सह / समम् / सार्धम्, विना, अलम्, हीन, चतुर्थी – रुच्, दा (यच्छ), नमः, कुप् / क्रुध्
7.  प्रत्ययाः – शतृ
8.  संख्या 1–25
9.  अव्यय कालबोधकानि – यदा, तदा, सर्वदा, एकदा, पुरा, अधुना, अद्य, श्वः, ह्यः
10. अपठित गद्यांशः
11. पत्रम्
12. चित्रम् / अनुच्छेदलेखनम्
13. संवादपूर्तिः / कथापूर्तिः

**इकाई 3**   अगस्त 03 से सितंबर 15 (19+11=30) कार्य दिवस।

पाठ 5, 6 : कर्मणा यान्ति सद्गुणाः, तत् त्वम् असि

(पाठांश, प्रश्न निर्माणम्, अन्वयः, पाठाधारित – कथापूर्तिः, पर्यायमेलनम् / विशेष्य–विशेषणमेलनम् / विलोम पदानि, कर्ता–क्रिया पदचयनम्, प्रसंगानुसारम् अर्थचयनम्)

1.  शब्दरूपाणि – सर्वनामशब्दाः तत्, किम् (तीनों लिंग), युष्मद्
2.  धातुरूपाणि – परस्मैपदिनः प्रच्छ्, क्षाल् (पञ्चसु लकारेषु)
3.  कारक

4. उपपद–विभक्तयः पञ्चमी – विना, बहिः, रक्ष्, भी, षष्ठी – उपरि, अधः, पुरतः, पृष्ठतः, वामतः दक्षिणतः

5. विसर्गसन्धिः – उत्वम्, सत्वम्, षत्वम्, शत्वम्

6. संख्या 26–50

7. अव्यय प्रश्नबोधकानि – किम्, कुत्र, कति, कदा, कृतः, कथम्, किमर्थम्

8. अपठित गद्यांशः

9. पत्रम्

10. चित्रम् / अनुच्छेदलेखनम्

11. संवादपूर्तिः / कथापूर्तिः

**इकाई–4**    अक्टूबर 03 से नवंबर 30 (20+16=36) कार्य दिवस।

पाठ 7, 8 : तरवे नमोऽस्तु, न धर्मवृद्धेषु वयः समीक्ष्यते

(पाठांश, प्रश्न निर्माणम्, अन्वयः, पाठाधारित – कथापूर्तिः, पर्यायमेलनम् / विशेष्य–विशेषणमेलनम् / विलोम पदानि, कर्ता–क्रिया पदचयनम्, प्रसंगानुसारम् अर्थचयनम्)

1. धातुरूपाणि – सेव्, लभ्, रुच् (लट्, लृट्)

2. शब्दरूपाणि – भवत्

3. कारक

4. उपपद–विभक्तयः सप्तमी – स्निह, विश्वस्, निपुण, कुशल

5. अव्यय अन्यानि – च, अपि, यदि, तर्हि, यथा, तथा, सम्यक्, एव

6. अपठित गद्यांशः

7. पत्रम्

8. संख्या 50–75

9. चित्रम् / अनुच्छेदलेखनम्

10. संवादपूर्तिः / कथापूर्तिः

**इकाई–5**    दिसंबर 01 से दिसंबर 29 (21) कार्य दिवस।

पाठ 9, 11 : कवयामि, वयामि यामि, भारतेनास्ति मे जीवनं जीवनम् (केवलम् आन्तरिकमूल्याङ्कनाय)

(पाठांश, प्रश्न निर्माणम्, अन्वयः, पाठाधारित – कथापूर्तिः, पर्यायमेलनम् / विशेष्य–विशेषणमेलनम् / विलोम पदानि, कर्ता–क्रिया पदचयनम्, प्रसंगानुसारम् अर्थचयनम्)

1. धातुरूपाणि – नी, कृ, ज्ञा (पञ्चसु लकारेषु)

2. कारक

3. अपठित गद्यांशः

4. पत्रम्

5. संख्या 76–100

6. चित्रम् / अनुच्छेदलेखनम्

7. संवादपूर्तिः / कथापूर्तिः

**इकाई–6**    जनवरी 08 से फरवरी 09 (18+7=25) कार्य दिवस।

पुनरावृत्ति

13

**Prescribed Text Books—**

Entre Jeunes – I (N.C.E.R.T.), Set Rite

**Unit - I**    **April 03 to May 20 = 19 + 15 = 34**

        **Leçon**      **:**    1, 2, 3

        **Grammaire**  **:**    Les verbes réguliers et irréguliers, Les articles définis, indéfinis, contractés, partitifs, Les adjectifs possessifs, démonstratifs, Les prépositions

**Unit - II**    **July 03 to August 04 = 22 + 4 = 26**

        **Leçon**      **:**    4, 5

        **Grammaire**  **:**    Les temps – Imparfait, Présent, Impératif, Futur simple, Futur proche, Une carte postale

**Unit - III**    **August 07 to September 15 = 19 + 11 = 30**

        **Leçon**      **:**    6, 7

        **Grammaire**  **:**    Passé compose, Les temps convenables, L'inversion, Une recette

**Unit - IV**    **October 03 to November 30 = 20 + 16 = 36**

        **Leçon**      **:**    8, 9

        **Grammaire**  **:**    Négation, Les Pronoms Personnels, Une lettre

**Unit - V**    **December 01 to December 29 = 21**

        **Leçon**      **:**    9, 10

        **Grammaire**  **:**    Les pronoms personnels, Les pronoms relatifs, Trouvez la question

**Unit - VI**    **January 08 to February 9 = 18 + 7 = 25**

        **Revision**

**Prescribed Text Books—**

Beste Freunde B1.1 (Hueber Verlag)

**Unit - I April 03 to May 20 =  19 + 15 = 34**
- Allein zu Hause!
- Genetiv
- Genetiv Präposition: während
- Trennbare Verben
- zu+ inf
- Satzverbindung: wenn

**Unit - II     July 03 to August 04 = 22 + 4 = 26**
- Wir kaufen nichts!
- während+ Genetiv
- um..zu; damit; weil

**Unit - III     August 07 to September 15 = 19 + 11 = 30**
- Das würde ich nie tun
- Wo(r)+ Präposition
- Da(r)+ Präposition
- KII: würden + inf

**Unit - IV     October 03 to November 30 = 20 + 16 = 36**
- Hamburg, wir kommen
- KII
- Satzverbindung : während; bevor

**Unit - V     December 01 to December 29 = 21**
- Ende gut, alles gut
- wegen+ Genetiv
- zwar…aber
- Relativpronomenim Nominativ, Akkusativ und Dativ

**Unit - VI     January 08 to February 9 = 18 + 7 = 25**
- Wiederholung (Revision)

# COMPUTER SCIENCE

**Unit - I**    **April 03 to May 20 =  19 + 15 = 34**
**Programming in Python**
- Modes of python
- Variables
- Operators
- Basics of input-output
- Decision making statement
  - If-else
  - Nested if

**Unit - II**    **July 03 to August 04 = 22 + 4 = 26**
**Introduction to Artificial Intelligence**
- History of AI
- Type of AI
- Advantages & Disadvantages of AI
- Applications of AI
- Sustainable Development - 17 goals

**Unit - III**    **August 07 to September 15 = 19 + 11 = 30**
**Python Graphics**
- Getting started with Turtle
- Import Turtle
- Programming with Turtle
- Turtle motion
- Drawing a shape
- Drawing preset figures

**Unit - IV**    **October 03 to November 30 = 20 + 16 = 36**
**Python Graphics**
- Changing the screen colour
- Changing the pen size
- Pen colour control
- Loops & Conditional statements

**Unit - V**    **December 01 to December 29 = 21**
**Cyber Ethics**
- Plagiarism
- Cyber bullying
- Phishing
- Hacking
- Spamming
- Individual right to privacy
- Software privacy
- Intellectual property rights
- Digital footprints

**Unit - VI**    **January 08 to February 9 = 18 + 7 = 25**
**Revision**