# RAINBOW PUBLIC SCHOOL AFFILIATED TO C.B.S.E (+2) ➤ Month-Wise Distribution of Syllabus for <u>Std:-'VII'</u> (Session : 2024-25)

#### <u>SUBJECT: – ENGLISH</u>

| Month & W.<br>Days     | Chapters and Poems<br>(MCB)  | Grammar  | Novel  |
|------------------------|--|--|--|
| April<br>(21 days)     | <b>L-1</b> - Generation Gap or Generation<br>Gape ?<br>Poem – Strength and Courage | L- 1. Sentences<br>L- 2. Nouns<br>Writing : Paragraph writing. | <b>L-1</b> – Beginnings<br><b>L-2</b> – My First Trip and<br>Homecoming. |
| May<br>(11 days)       | <b>L-3</b> - Tales of Tireless Corona Crusaders                                    | <b>L-3</b> – Adjective<br>Writing – Letter writing             | <b>L-3</b> – School Days   |
| June<br>(13 days)      | <b>L-4</b> – Vishy – The Tiger<br>Poem – Have You Ever Earned Your<br>Tomorrow?    | L- 4 – Pronouns<br>L- 5 – Verbs                                | <b>L-4</b> – Off to work I go  |
| July<br>(25 days)      | L-5 – Samudra Manthan<br>Poem – Panchali's Pledge                                  | <b>L-6</b> – Tenses<br>Writing – Paragraph writing.            | <b>L-5</b> – With My Aunt  |
| August<br>(21 days)    | L- 6 – Sonia-The Splendid  | L-7 – Adverbs<br>L-8 – Prepositions                            | <b>L-6</b> – Life with the Wick fields.                                  |
| September<br>(13 days) | Revision for Half Yearly Examination   |  |  |
| October<br>(20 days)   | L-7 – Hero Forever – Nelson Mandela  | <b>L-9</b> – Auxiliary verbs<br><b>L-11</b> – Conjunctions     | <b>L-7</b> – Old and New<br>Friends                                      |
| November<br>(19 days)  | Poem – It's Africa in me   | L-12 – Reported speech   | <b>L-8</b> – An Unsetting Time   |
| December<br>(19 days)  | <b>L-8</b> – Braving the Odds-Stephen<br>Hawking                                   | L-13 – Phrases and Clauses                                     | <b>L-9</b> – Found and Lost!   |
| January<br>(23 days)   | Revision   | L-15 – Voice<br>Writing – Essay writing                        | <b>L-10</b> – How It All Worked<br>Out                                   |
| February<br>(17 days)  | Revision for Annual Yearly Examination   |  |  |

# <u> विषयः – हिन्दी</u>

| माह     | कार्य<br>दिवसों<br>की संख्या | हिंदी पाठ्य पुस्तक<br>पाठ के नाम  | मुख्य बिन्दु   | हिन्दी व्याकरण  | मुख्य बिन्दु   |
|---------|------------------------------|---|--|---|--|
| अप्रैल  | ২গ                           | पाठ-१ प्रार्थना<br>(कविता)<br>पाठ-२ भाग्य का फंदा<br>(कहानी)  |  | पाठ-१ भाषा, लिपि<br>और व्याकरण।<br>पाठ-२ वर्ण-विचार<br>अपठित गद्यांश,<br>अपठित काव्यांश   | परिभाषा, प्रकार, रिक्त<br>स्थान भरें, वैकल्पिक<br>प्रश्नोत्तर, वर्ण विच्छेद।           |
| मई      | 99                           | पाठ-३ नवीन समाज<br>के प्रणेता (लेख)   | (१) कठिन शब्दों के अर्थ  | पाठ-३ संधि<br>पाठ-५ वाक्यांशों<br>के लिए एक शब्द<br>पाठ-६ पर्यायवाची<br>शब्द, अनुच्छेद<br>लेखन।   | परिभाषा, प्रकार,<br>पहचान, संधि-विच्छेद,<br>रिक्त स्थान भरें।                          |
| जून     | 9 R                          | पाठ–४ स्वतंत्रता का<br>मूल्य (कहानी)<br>पाठ–५ टेलीविजन  | <ul> <li>(२) किसने-किससे कहा?</li> <li>(३) रिक्त स्थान भरें</li> <li>(४) सही ☑ व गलत ⊠<br/>का निशान लगाएँ</li> <li>(५) मिलान करें</li> <li>(६) आशय स्पष्ट करें</li> </ul>                                  | पाट-४<br>शब्द-विचार<br>पत्र लेखन, निबंध<br>लेखन<br>पाठ-१०<br>शब्द-रचना,<br>उपसर्ग   | परिभाषा, प्रकार, रिक्त<br>स्थान भरें, पहचान।   |
| जुलाई   | २५                           | पाठ–६ जननायक<br>सुभाष चंद्र बोस<br>(व्यक्ति चित्र)<br>पाठ–७ मेरा मिटने का<br>अधिकार (कविता)           | (७) वकाल्पक प्रश्नातर<br>(८) आंतरिक प्रश्नोंत्तर<br>(९) लघु उत्तरीय प्रश्न<br>(१०) दीर्घ उत्तरीय प्रश्न<br>(११) पाठानुसार व्याकरण  | पाठ-८ अव्यय या<br>अविकारी शब्द<br>पाठ-६ समान<br>प्रतीत होने वाले<br>शब्द<br>पाठ-९४ संज्ञा<br>पाठ-९४ लिंग<br>अपठित गद्यांश,<br>पत्र-लेखन<br>पाठ-३० डायरी<br>लेखन | परिभाषा, प्रकार, रिक्त<br>स्थान भरें, लिंग बदलें,<br>वैकल्पिक प्रश्नोत्तर।             |
| अगस्त   | <b>२</b> १                   | पाठ-८ क्या निराश<br>हुआ जाए (निबंध)<br>पाठ-६ नमक की<br>मिटास (कहानी)                                  |  | पाठ-9£ कारक<br>पाठ-२६ मुहावरे<br>अपठित काव्यांश,<br>निबंध लेखन।   | परिभाषा, प्रकार,<br>पहचान, मुहावरे के<br>अर्थ।   |
| सितम्बर | ঀঽ                           |   | अद्धेवार्षिक   | परीक्षा   |  |
| अक्टूबर | २०                           | पाठ-११ रामायण की<br>कहानी (कहानी)<br>पाठ-१२ आया बसंत<br>(कविता)<br>पाठ-१३ अंतरिक्ष में<br>भारत (लेख ) | <ul> <li>(१) कठिन शब्दों के अर्थ</li> <li>(२) किसने-किससे कहा?</li> <li>(३) रिक्त स्थान भरें</li> <li>(४) सही ☑ व गलत ⊠<br/>का निशान लगाएँ</li> <li>(५) मिलान करें</li> <li>(६) आशय स्पष्ट करें</li> </ul> | पाठ-£ विलोम<br>शब्द<br>पाठ-११ शब्द<br>रचना - प्रत्यय<br>पाठ-१२ शब्द<br>रचना - समास<br>अपठित गद्यांश,<br>अपठित काव्यांश  | परिभाषा, प्रकार,<br>समास-विग्रह, पहचान,<br>वैकल्पिक प्रश्नोंत्तर,<br>रिक्त स्थान भरें। |

|         |     | पाठ-१४ कबीर के               | (७) वैकल्पिक प्रश्नोंत्तर | पाठ-१३                    | परिभाषा, प्रकार, वचन     |
|---------|-----|------------------------------|---------------------------|---------------------------|--------------------------|
|         |     | नीति-वचन (दोहे)              | (८) आंतरिक प्रश्नोंत्तर   | अनेकार्थक शब्द            | बदलें, रिक्त स्थान भरें, |
|         |     | पाठ-१५ हॅंसी और              | (ह) लघ उत्तरीय प्रश्न     | पाठ-१६ वचन                | वैकल्पिक प्रश्नोत्तर।    |
| नवम्बर  | 95  | आँसू (लेख)                   | (१०) दीर्घ उत्तरीय पश्च   | पाठ-१८ सर्वनाम            |                          |
|         |     | पाठ-१६ दो कलाकार             |                           | पत्र लेखन.                |                          |
|         |     | (एकांकी)                     | ()) पाठानुसार व्याप्ररंग  | अनच्छेद लेखन।             |                          |
|         |     | पाठ-१६ झाँसी की              |                           | पाठ-१ <del>६</del> विशेषण | परिभाषा, प्रकार, रिक्त   |
|         |     | रानी (कविता)                 |                           | पाठ-२० क्रिया             | स्थान भरें, वैकल्पिक     |
|         |     | पाठ-१८ मेरी हॉस्टल           |                           | पाठ-२१ काल                | प्रश्नोत्तर।             |
| दिसम्बर | 95  | यात्रा (यात्रा वत्तांत)      |                           | पत्र लेखन, निबंध          |                          |
|         |     |                              |                           | लेखन, अपठित               |                          |
|         |     |                              |                           | काव्यांश, कहानी           |                          |
|         |     |                              |                           | लेखन ।                    |                          |
|         |     | पाठ-१ <del>६</del> कोंडना का |                           | पाठ-२२ वाक्य              | परिभाषा, प्रकार, मिलान   |
|         |     | किला (प्रेरक प्रसंग)         |                           | विचार                     | करें, लोकोक्तियों के     |
|         |     | पाठ-२० सभ्यता का             |                           | पाठ-२३ अशुद्ध             | अर्थ, आंतरिक             |
|         |     | रहस्य (कहानी)                |                           | वाक्यों को शुद्ध          | प्रश्नोत्तर, रिक्त स्थान |
|         |     |                              |                           | करना                      | भरें।                    |
|         |     |                              |                           | पाठ-२५ विराम              |                          |
| जनवरी   | 23  |                              |                           | चिह्न,                    |                          |
|         |     |                              |                           | पाठ-२६                    |                          |
|         |     |                              |                           | लाकाक्तिया                |                          |
|         |     |                              |                           | निबध लखन,                 |                          |
|         |     |                              |                           | कहाना लखन, पत्र           |                          |
|         |     |                              |                           | लखन,                      |                          |
|         |     |                              |                           | । पाठ-२७ समश्रुति         |                          |
|         |     |                              |                           | ।भन्नाथक शब्द।            |                          |
| फरवरी   | 919 | पुनरावृत्ति वार्षिक परीक्षा  |                           |                           |                          |

# <u>विषयः – संस्कृत</u>

| माह    | कार्य दिवसों<br>की संख्या | व्याकरणम्  | अतुला संस्कृत  |
|--------|---------------------------|--|--|
| अप्रैल | ૨૧                        | पाठः १ - वर्ण-विन्यासः, वर्ण संयोजनम् च<br>पाठः २ - उच्चारण - स्थानानि<br>पाठः ३ - सन्धि <u>प्रकरणम्⁄गद्यांश</u> | पाठः १ – अस्माकं देशः<br>पाठः २ – मूर्खः काकः            |
| मई     | 99                        | पाठः ४ – पर्यायः विपर्ययाः च<br>पत्र लेखनम्।   | पाठः ३ – वार्तालापः                                      |
| जून    | 9३                        | पाठः ५ – उपपद विभक्ति प्रकरणम्<br>पाठः ६ – शब्दरूपावली   | पाठः ४ – वयम् अक्रीडाम                                   |
| जुलाई  | રષ્ટ                      | पाठः ७ – संख्या संख्यावाचि शब्दाः च<br>पाठः ८ – धातुरूपावली<br>पाठः ६ – समयावबोधनम्                              | पाठः ५ – बन्दे भारतं मम देशम्<br>पाठः ६ – लोभासक्तः नृपः |

| अगस्त   | ২গ             | पाठः १० – उपसर्ग प्रकरणम्<br>पाठः ११ – प्रत्यय प्रकरणम्<br>गद्यांश | पाठः ७ – कः श्रेष्ठः<br>पाठः ८ – नदीवृक्षयोंः संवादः |
|---------|----------------|--|--|
| सितम्बर | १३             | पुनरावृत्तिः अ   | द्र्धवार्षिक परीक्षा                                 |
| अक्टूबर | २०             | पाठः ११ – प्रत्यय प्रकरणम्<br>पाठः १२ – अव्यय प्रकरणम्             | पाठः   |
| नवम्बर  | ૧૬             | पाठः १३ - विशेषण-विशेष्य<br>संवाद⁄पत्रलेखन⁄गद्यांश                 | पाठः ११ – दयालुः सिद्धार्थ<br>पाठः १२ – नीतिशलोका    |
| दिसम्बर | 9 <del>€</del> | पाठः १४ – अशुद्धि संशोधनम्   |  |
| जनवरी   | २३             | पुनरावृत्तिः   |  |
| फरवरी   | ୨ଓ             | पुनरावृत्तिः वार्षिक परीक्षा                                       |  |

#### SUBJECT: - MATHS

| Month & W. Days        | Chapters and Topics  |
|------------------------|--|
| April<br>(21 days)     | <ul> <li>L-1. Integers:</li> <li>Addition and subtraction of Integers, Properties of Addition and subtraction of Integers, Multiplication and Division of Integers, Simplification of Brackets.</li> <li>L-2. Fractions and Decimals:</li> <li>Types of Fractions, Multiplication and Division of Fractions, Decimals, Multiplication and Division of Decimals.</li> </ul> |
| May<br>(11 days)       | <b>L-3. Data Handling:</b><br>Arithmetic Mean, Mode, Median, Bar Graph.  |
| June<br>(13 days)      | <b>L-4. Simple Equation :</b><br>Algebraic Equation, Solving an Equation, Application of Equations in practical situations.  |
| July<br>(25 days)      | <ul> <li>L-5. Lines and Angles:<br/>Angle, Point, Ray, Line, Pair of angles and lines, Transversal, Intersecting lines, Angle formed by a transversal to two lines.</li> <li>L-6. The triangle and its properties:<br/>Classifications of Triangles, Median and Altitude of a triangle, properties of a triangle, Properties of special triangles.</li> </ul>              |
| August<br>(21 days)    | <b>L-7. Comparing quantities:</b><br>Ratio, Comparison of ratios, Proportion, Continued proportion, Unitary method percentage.   |
| September<br>(13 days) | Revision for Half Yearly Examination   |
| October<br>(20 days)   | <b>L-8. Rational numbrs:</b><br>Facts about Rational numbers, Types of Rational numbers, Rational number in standard form and simplest form, Comparison of Rational numbers, Rational numbers on Number line, Addition, Subtraction, Multiplication and Division of Rational numbers, Rational numbers between two rational numbers.                                       |
| November<br>(19 days)  | <ul> <li>L-9. Perimeter and Area:</li> <li>Perimeter of a polygon, Area of a rectangle and a square, Area of a parallelogram a triangle, Circumference and Area of a circle.</li> <li>L-10. Algebraic Expressions:</li> <li>Components and Types of Algebraic Expressions, Combining and Solving like terms, Value of an Algebraic Expression.</li> </ul>                  |

|                    | L-11. Exponents and Powers:  |
|--------------------|--|
|                    | Exponents, Comparison of powers, Law of Exponents, Uses of Exponents, Use of                 |
| December           | Exponents in expanded form of numbers.   |
| ( <b>19 days</b> ) | L-12. Symmetry:  |
|                    | Line of symmetry of a line, a line segment, a square, an angle, an isosceles triangle and an |
|                    | equilateral triangle, Rotational symmetry, Order of Rotational symmetry.                     |
|                    | L-13. Visualising Solid shapes :   |
| Innuary            | 3-D shapes, Types of polyhedron, Euler's formula for polyhedron, Net for Building 3-D        |
| (23 days)          | shapes, Drawing Solids on a flat surface, 2-D plane, Visual Estimation and viewing           |
| (25 days)          | different sections of a solid.   |
|                    |  |
| February           | Povision for Annual Examination  |
| (17 days)          | Revision for Annual Examination  |

#### **SUBJECT: - SCIENCE**

| Month                  | (Chanters of Tomics)  | Actignities  |
|------------------------|---|--|
| & W. Days              | (Chapters & Topics)   | <i><i>JIUUUUUUUUUUUUU</i></i>  |
| April<br>(21 days)     | <ul> <li>Nutrition in plants:</li> <li>Topics :- What is Nutrition, Types of nutrition, Photosynthesis, Materials required for photosynthesis, Photosynthesis by Algae, Parasites, Saprophytes, Insectivorous Plants, Symbiotic Plants,</li> <li>Heat</li> <li>Topics :- What is heat, Laboratory Thermometer, Cilinical Thermometer, Conduction, Convection, Sea Breeze, Land Breeze, Radiation</li> </ul> | Draw the diagram of<br>photosynthesis,<br>Activity 1.2<br>Activity 1.3<br>Activity 3.1<br>Activity 3.6<br>Activity 3.8 |
| May<br>(11 days)       | Acid, Bases and Salts<br>Topics :- Acidic Substance, Natural Acids/Organic Acids, Mineral Acids,<br>Strong and weak acids, Concentrated and Dilute Acids, Properties of Acids,<br>Strong and weak Bases, Indicators, Neutralisation, Salts.   | Activity 4.1<br>Activity 4.2<br>Activity 4.3<br>Activity 4.4   |
| June<br>(13 days)      | Nutrition in Animals<br><b>Topics :-</b> Heterotrophs, Classification of Heterotrophs, Process of<br>Nutrition, Nutrition in Amoeba, Process of Nutrition in Human Beings,<br>Digestion in Ruminants.   |  |
| July<br>(25 down)      | Motion and Time<br>Topics :- Measurement of Time in Ancient ERA, Instruments of Time<br>measurement, Units of Time, Rest and Motion, Speed, Slow and Fast<br>Motion, Uniform Motion and Non-Uniform Motion, Distance-Time Graph,<br>Calculating speed from the Graph.   | Activity 9.1<br>Activity 9.2   |
| (25 uays)              | <b>Electric Current and its Effects</b><br>Electric Circuit, Symbols of Electrical Components, Electric Battery,<br>Effects of Electric Currents, Heating Effect of Electric current, Fuses,<br>Magnetic effect of Electric current, Electromagnets, Electric Bell.   | Activity 10.1<br>Activity 10.4<br>Activity 10.5<br>Activity 10.7   |
| August<br>(21 days)    | <b>Respiration in Organisms</b><br><b>Topics :-</b> Respiration, Internal Respiration, External Respiration, Breathing<br>Rate, Mechanism of Breathing, Aerobic Respiration, Anaerobic<br>Respiration, Respiration and Gaseous Exchange in Animals, Respiration in<br>Plants.   | Activity 6.1<br>Activity 6.3<br>Activity 6.5   |
| September<br>(13 days) | <b>Revision for Half Yearly Examination</b>   |  |
| October<br>(20 days)   | <b>Light</b><br><b>Topics :-</b> What is light Rectilinear Propagation of Light, Reflection of Light, Real and Virtual Image, Curved Mirrors, Concave and convex  | Activity 11.1<br>Activity 11.3   |

|                       | mirror, Lenses, Kinds of Lenses, Composition of White Light, Dispersion of Light,   |  |
|-----------------------|---|--|
|                       | <b>Transportation in Plants and Animal</b><br><b>Topics:-</b> Transportation of Material in Animals, Transportation in Humans,<br>Blood, Plasma, RBC, WBC, Blood vessels, Heart, Blood Transfusion,<br>Excretion in Animals, Excretory System, Transpiration, Excretion in<br>Plants  | Activity 11.1<br>Activity 11.2<br>Activity 11.16<br>Activity 11.17           |
| November<br>(19 days) | <ul> <li>Physical and Chemical change</li> <li>Topics :- Physical Change, Chemical change, Difference between physical and chemical change, Rusting of Iron, Crystallisation.</li> <li>Reproduction in plants</li> <li>Topics:-Reproduction, Asexual Reproduction, Vegetative propagation, Layering, Grafting, Cutting, Budding, Spore formation, Fragmentation, Binary Fission, Sexual Reproduction, Pollination, Fertilisation, Dispersal of</li> </ul> | Activity 5.1<br>Activity 5.3<br>Activity 8.1<br>Activity 8.2<br>Activity 8.4 |
| December<br>(19 days) | seeds<br>Forest: Our Lifeline<br>Topics:- The Strata of Forest, Role of Decomposers in Forest,<br>Interdependence of Plants and Animals, Importance of Forest, Destruction<br>of Forest, Conservation of Forest.  | Activity 12.2<br>Activity 12.3   |
| January<br>(23 days)  | Wastewater StoryTopics :- Water Our Lifeline, Sewage and Its Sources, Sewage Disposal,Sewage Treatment (WWTP), Biogas Plant, Sanitation and Diseases.   | Draw the picture of WWTP   |
| February<br>(17 days) | Revision for Annual Examination   |  |

# SUBJECT: – S.St

| Month     | (Chantors of Tonics)   |  |  |
|-----------|--|--|--|
| & W. Days | (Chapters & Topics)  |  |  |
|           | L-1. Introduction: Tracing changes through a thousand years  |  |  |
|           | Topics :- What do Maps represent, Political and Social Groups, Evolution of Religion.                        |  |  |
| Annil     | L-2. On Equality   |  |  |
| (21 days) | Topics :- How did Democracy Originate, Different forms of Government, Elements that Make                     |  |  |
| (21 uays) | Democracy popular, Equality in Democracy, Inequality in India and in other countries.                        |  |  |
|           | L-3. Environment   |  |  |
|           | <b>Topics :-</b> Natural Environment, Realms of Environment, Man-made Environment.                           |  |  |
| May       | L-4. Kings and Kingdoms  |  |  |
| (11 days) | Topics :- Resources, Warfare for Wealth, Kingdom of South, Agriculture and Irrigation,                       |  |  |
| (11 uays) | Administration.  |  |  |
| June      | L-5. Role of the Government in Health  |  |  |
| (13 days) | <b>Topics :-</b> Types of Health Services, Healthcare and Equality, The possible Alternatives for Health.    |  |  |
|           | L-6. Inside Our Earth  |  |  |
|           | <b>Topics :-</b> Interior of the Earth, Composition of the crust, Types of Rocks, Rock cycle, Uses of Rocks. |  |  |
| July      | L-7. Delhi (12 <sup>th</sup> to 15 <sup>th</sup> Century)  |  |  |
| (25 days) | <b>Topics :-</b> The Slave Dynasty, Khalji Dynasty, Tughluq Dynasty, Expansion and Consolidation.            |  |  |
|           | L-8. How the State Government Works  |  |  |
|           | <b>Topics :-</b> The State Executive, State Legislature, Working of the Government.                          |  |  |
|           | L-9. Our Changing Earth  |  |  |
| Anoust    | <b>Topics :-</b> Volcano, Earthquake, Major Landforms of the Earth, Rivers, Sea Waves, Ice, Wind.            |  |  |
| (21 days) | L-10. The Mughals (16 <sup>th</sup> to 17 <sup>th</sup> Century)   |  |  |
| (21 uays) | Topics :- Military Campaigns, Mughal Emperors, Relation with other rulers, Mansabdari and                    |  |  |
|           | Jagirdari, Akbar's Policies, Mughal Empire in the 17 <sup>th</sup> Century and After.                        |  |  |

|                       | L-11. Growing up as Boys and Girls  |
|-----------------------|---|
| September             | Revision for Half Yearly Examination  |
| (13 days)             |   |
| October<br>(20 days)  | <ul> <li>L-12. Air</li> <li>Topics :- Composition of the Atmosphere, Structure of Atmosphere, Importance of Atmosphere, Weather and Climate, Temperature, Air, Pressure, Wind, Moisture, Rainfall.</li> <li>L-13. Tribes, Nomads and Settled Communities</li> <li>Topics :- Tribal Societies, Pastoral Nomads, Gonds, Ahoms, New Castes.</li> <li>L-14. Women Change the World</li> <li>Topics :- Gender differences in society, Gender Inequality, Women.</li> </ul>   |
| November<br>(19 days) | <ul> <li>L-15. Water</li> <li>Topics :- Sources of water, Distribution of water, Ocean, tides.</li> <li>L-16. Devotional Paths to the Divine</li> <li>Topics :- Supreme God, Alvars and Nayanars, Philosophy and Bhakti, Maharashtra, Yogis, Islam and Sufism, New Religious Reforms in North India.</li> <li>L-17. Understanding Media</li> <li>Topics :- Forms of mass Media, Media and Money, Setting Agenda.</li> </ul>   |
| December<br>(19 days) | <ul> <li>L-18. Human Environment Interactions – Tropical-Sub Tropical Regions</li> <li>Topics :- Amazon Basin, Ganga – Brahmaputra Basin.</li> <li>L-19. The making of Regional Cultures</li> <li>Topics :- The Chera and Evolution of Malyalam, The Jagannatha Culture, Rajputs, Kathak, Miniature Painting, Bengal, Pirs, Temples, Fish as Food in Bengal.</li> <li>L-20. Markets Around Us</li> <li>Topics :- Importance of Marketing, Distribution, Types of Market, Markets and Technology, Markets and Equality.</li> </ul> |
| January<br>(23 days)  | <ul> <li>L-21. Life in the Deserts</li> <li>Topics :- Sahara Desert (Hot), Ladakh Desert (Cold).</li> <li>L-22. Eighteenth Century – Political Formations</li> <li>Topics :- Causes of Decline of the Mughal Empire, Later Mughals, Afghan Invasion, Emergence of New States, Watan Jagirs, Sikhs, Marathas, Jats.</li> <li>L-23. A Shirt in the Market</li> <li>Topics :- A cotton Farmer in Bhuj, The cloth market of Erode, Garments Export Centre in Delhi, Market and Equality.</li> </ul>                                   |
| February<br>(17 days) | Revision for Annual Examination   |

# SUBJECT: – G.K

| Month     | Chapters and Topics   |  |
|-----------|---|--|
| & W. Days |   |  |
|           | Bhart   |  |
|           | Ch-1. Swachh Bharat, Ch-2. India's Achievements, Ch-3. Money Matters, Ch-4. What Occurred       |  |
| April     | When?, Ch-5. Wonders of India, Ch-6. The Unforgettable (A) The Educationists, Ch-7. The         |  |
| (21 days) | Unforgettable (B) The Pditical Leaders, Ch-8. The Unforgettable (C) The Scientists, Ch-9. First |  |
|           | Occurrence, Ch-10. The Pioneering Spirit, Ch-11. The Revolutionary Legends, Ch-12. Our          |  |
|           | Defenders, Ch-13. Children Who Made it Big, Ch-14. Bhartiya Samvidhan.                          |  |
| May       | GREENRY   |  |
| (11 days) | Ch-15. Field of Abundance: Exploring the World of crops, Ch-16. Medicinal Trees, Ch-17. The     |  |
|           | Green World, Ch-18. Being Environment Friendly.   |  |

|                      | ART   |  |  |  |
|----------------------|---|--|--|--|
| June                 | Ch-19. Music and Melody: The Soul of Puppetry, Ch-20. The Diversity of Language, Ch-21. The             |  |  |  |
| (13 days)            | Cultural Mix of Paintings, Ch-22. Rituals And Worships: Traditions Inside Temple, Ch-23. Intricate      |  |  |  |
|                      | Embroidery, Ch-24. Time to celebrate, Ch-25. Crafted with Excellence.                                   |  |  |  |
| Tuly                 | MEDICAL MARVELS   |  |  |  |
| (25 days)            | Ch-26. Call the Doctor, Ch-27. Yoga, Ch-28. How Healthy Are You?  |  |  |  |
| ( <b></b> uujs)      |   |  |  |  |
| August<br>(21 days)  | GLOBE TRUTTING  |  |  |  |
|                      | Ch-29Amazing Places Around the World, Ch-30. Spotlight on SOUTH AMERICA, Ch-31. Nobel                   |  |  |  |
|                      | Prize, Ch-32. Outstanding Personalities, Ch-33. Little Known Facts About Thomas Edison, Ch-34.          |  |  |  |
|                      | Ideas Benind Great Inventions, Cn-35. Who Did It?, Cn-36. The Women Reformers, Cn-37. The               |  |  |  |
| Sontombor            | Erstwhile nations, Ch-38. Where in the World, Ch-39. Exploring New Horizons.                            |  |  |  |
| (13 days)            | <b>Revision for Half Yearly Examination</b>   |  |  |  |
| October<br>(20 days) | I IFE BEVOND HUMANS   |  |  |  |
|                      | <b>Ch-40</b> Sweet Treat <b>Ch-41</b> The Body VIBGYOR <b>Ch-42</b> Try Something New <b>Ch-43</b> Food |  |  |  |
|                      | Adulteration. <b>Ch-44.</b> Health Eating Ouiz.   |  |  |  |
|                      |   |  |  |  |
| November             | ETHICAL INSIGHTS  |  |  |  |
| (19 days)            | Ch-49. Lighten Up-You Live Only Once, Ch-50. Hunt For Happiness, Ch-51. Childhood Friendship,           |  |  |  |
|                      | GAMES   |  |  |  |
| December             | Ch-52. Asian Games 2022, Ch-53. Sports and Sports Personalities, Ch-54. Reviving the Lost Game          |  |  |  |
| (19 days)            | Kho-Kho.  |  |  |  |
|                      | MINDERS   |  |  |  |
| January<br>(23 days) | Ch-55. Books, Ch-56. Can You Compute?, L-57. Companies And Their Names, Ch-58. Amazing                  |  |  |  |
|                      | Roller Coasters, Ch-59. Magic World, Ch-60. Income And Expense, Ch-61. Brain Teasers, Ch-62.            |  |  |  |
|                      | Fun Learning, Ch-63. Test Your Knowledge-1, Ch-64. Test Your Knowledge-2, Ch-65. Test Your              |  |  |  |
|                      | Knowledge-3, Ch-66. Scholar Test-1, Ch-67. Scholar Test-2, Ch-68. Scholar Test-3.                       |  |  |  |
| February             |   |  |  |  |
| (17 days)            | Revision for Annual Examination   |  |  |  |

# SUBJECT: - COMPUTER

| Month & W.<br>Days | Unit No./ Title          | Content/Topic   | Practical       |
|--------------------|--------------------------|---|-----------------|
| April<br>(21 days) | • Number System          | <ul> <li>Introduction</li> <li>Types of Number System</li> <li>Convert Decimal to Binary, Octal ,<br/>Hexadecimal and vice versa</li> <li>Software</li> <li>Types of software</li> <li>Programming Language</li> <li>Types of Programming language</li> </ul> | <b>N.A</b><br>- |
| May<br>(11 days)   | 2. More on<br>Windows 10 | <ul> <li>Introduction</li> <li>Control Panel</li> <li>Mouse setting</li> <li>Font &amp; Date, &amp; Time setting</li> <li>Change wall paper</li> <li>Utility Programs</li> <li>Virus and Anti-virus software</li> </ul>                                       |                 |

| June<br>(13 days)      | 3. Charts in Excel                    | <ul> <li>Introduction</li> <li>Types of Chart</li> <li>Components of Chart</li> <li>Formatting a chart</li> </ul>  | <ul> <li>Chart creation</li> <li>Format the chart</li> <li>Create a Report card with chart</li> </ul>   |  |  |
|------------------------|---------------------------------------|--|---|--|--|
| July<br>(25 days)      | 4. Introduction to<br>MS Access       | <ul> <li>Introduction</li> <li>DBMS, RDBMS,</li> <li>Advantage and disadvantage</li> <li>Introduction MS ACCESS</li> <li>Table, Components of Table</li> <li>Primary key,</li> </ul> | <ul> <li>Create Table in Access</li> <li>Insert new field</li> <li>Set Primary key</li> </ul>   |  |  |
| August<br>(21 days)    | 5. Introduction to<br>Adobe Photoshop | Introduction<br>Working with Tools<br>- Marquee , Lasso , Polygonal Lasso ,<br>Magnetic Lasso, Magic Wond , Croop ,<br>Sport Healing   | Create a greeting card  |  |  |
| September<br>(13 days) | 6. Working with<br>Flash              | <ul> <li>Introduction</li> <li>Creating Symbols</li> <li>Convert a Drawing to a symbol</li> <li>Concept of timeline , key frame,<br/>Create animation</li> </ul>                     | • Create a animated greeting card   |  |  |
| October<br>(20 days)   | Revision for Half Yearly Examination  |  |   |  |  |
| November<br>(19 days)  | 7. Control<br>Statement in QBasic     | <ul> <li>Introduction</li> <li>Mathematical calculation</li> <li>Control Statements (if -else)</li> <li>Loop (While , For, Do ,Loop)</li> <li>Nested Loop</li> </ul>                 | <ul> <li>Write program</li> <li>Find area of rectangle</li> <li>Check even or odd</li> <li>Print 1 to 10</li> <li>Print 10 to a</li> <li>Table of any given number</li> </ul> |  |  |
| December<br>(19 days)  | 8. More on HTML                       | <ul> <li>Introduction</li> <li>Tags &amp; Elements</li> <li>Use of bgcolor, text, margin</li> <li>Use of HR, BR, P, Heading, Font,<br/>Marque</li> </ul>                             | Prepare a webpage   |  |  |
| January<br>(23 days)   | 9. Computer Virus                     | <ul> <li>Introduction</li> <li>Computer Virus</li> <li>Types of Virus</li> <li>Cause of Virus</li> <li>Worms and Trojan Horse</li> <li>Steps to prevent Virus</li> </ul>             |   |  |  |
|                        | 10 E-Commerce                         | <ul> <li>Introduction</li> <li>Different types of E-Commerce</li> <li>Advantage and disadvantage</li> <li>E-shopping , E-tickting , E-payment<br/>E-banking - E-money</li> </ul>     | · • •   |  |  |
| February<br>(17 days)  |                                       | Revision for Annual Examinatio   | 'n  |  |  |