



# Doon International School

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## SYLLABUS BREAKUP – 2026

[Grade: VIII]

### ENGLISH

#### MARCH

| CHAPTERS / TOPICS                  |   | WEIGHT-AGE | TEACHING PERIODS |
|------------------------------------|---|------------|------------------|
| Literature Reader: The Guest House |   |            |                  |
| 1 <sup>ST</sup> WEEK               | Who Ate The Sun   |            |                  |
| 2 <sup>ND</sup> WEEK               | The Thousand-Petalled Lotus   |            |                  |
| 3 <sup>RD</sup> WEEK               | Tartary   |            |                  |
| 4 <sup>TH</sup> WEEK               | Grammar: Sentences; Nouns; Verbs<br>Class Activity: A biographical sketch Project- An Interview |            |                  |

#### APRIL

| CHAPTERS / TOPICS                    |  | WEIGHT-AGE | TEACHING PERIODS |
|--------------------------------------|--|------------|------------------|
| Literature Reader: A Christmas Carol |  |            |                  |
| 1 <sup>ST</sup> WEEK                 | Art Rocks!   |            |                  |
| 2 <sup>ND</sup> WEEK                 | The Last Stonemason  |            |                  |
| 3 <sup>RD</sup> WEEK                 | Grammar: Pronouns; Adjectives; Determiners<br>Writing Skill: Formal Email<br>Class Activity: Making decisions, Values- Personal Values |            |                  |
| 4 <sup>TH</sup> WEEK                 | <b>PRE MID TERM EXAMINATION</b>  |            |                  |

#### MAY

| CHAPTERS / TOPICS                           |  | WEIGHT-AGE | TEACHING PERIODS |
|---|--|------------|------------------|
| Literature Reader: Dusk<br>Milk for the Cat |  |            |                  |
| 1 <sup>ST</sup> WEEK                        | Ozymandias   |            |                  |
| 2 <sup>ND</sup> WEEK                        | On Being an Indian   |            |                  |
| 3 <sup>RD</sup> WEEK                        | The Idea of India  |            |                  |
| 4 <sup>TH</sup> WEEK                        | Grammar: Modals; Tenses<br>Writing Skill: Story-writing<br>Class Activity: Prefixes and suffixes |            |                  |

#### JUNE

| CHAPTERS / TOPICS  |   | WEIGHT-AGE | TEACHING PERIODS |
|--|---|------------|------------------|
| Literature Reader: The New Schoolfellow<br>A Bond for Life |   |            |                  |
| 1 <sup>ST</sup> WEEK                                       | Grammar: Voice; Speech<br>Writing skill: Notice Writing |            |                  |
| 2 <sup>ND</sup> WEEK                                       | <b>REVISION</b>   |            |                  |
| 3 <sup>RD</sup> WEEK                                       | <b>MID TERM EXAMINATION</b>                             |            |                  |

**JULY**

| CHAPTERS / TOPICS                             |                             | WEIGHT-AGE | TEACHING PERIODS |
|---|-----------------------------|------------|------------------|
| Literature Reader: The Louse and the Mosquito |                             |            |                  |
| 1 <sup>ST</sup> WEEK                          | In the Bazaars of Hyderabad |            |                  |
| 2 <sup>ND</sup> WEEK                          | An Amazing Ancestor         |            |                  |
| 3 <sup>RD</sup> WEEK                          | <b>SUMMER BREAK</b>         |            |                  |
| 4 <sup>TH</sup> WEEK                          | <b>SUMMER BREAK</b>         |            |                  |

**AUGUST**

| CHAPTERS / TOPICS                  |  | WEIGHT-AGE | TEACHING PERIODS |
|------------------------------------|--|------------|------------------|
| Literature Reader: Three Questions |  |            |                  |
| 1 <sup>ST</sup> WEEK               | Madame Curie   |            |                  |
| 2 <sup>ND</sup> WEEK               | The Microscope   |            |                  |
| 3 <sup>RD</sup> WEEK               | Palindrome   |            |                  |
| 4 <sup>TH</sup> WEEK               | Grammar: Adverbs; Clauses<br>Class Activity: A quiz about parts of speech. |            |                  |

**SEPTEMBER**

| CHAPTERS / TOPICS   |   | WEIGHT-AGE | TEACHING PERIODS |
|---|---|------------|------------------|
| Literature Reader: The Casket Test<br>The Cane Bottom'd Chair |   |            |                  |
| 1 <sup>ST</sup> WEEK  | Advia!  |            |                  |
| 2 <sup>ND</sup> WEEK  | Flutters of Thought   |            |                  |
| 3 <sup>RD</sup> WEEK  | Grammar: Prepositions;<br>Writing skill: Letter Writing<br>Class Activity: A debate |            |                  |
| 4 <sup>TH</sup> WEEK  | <b>POST MID TERM EXAMINATION</b>  |            |                  |

**OCTOBER**

| CHAPTERS / TOPICS                             |  | WEIGHT-AGE | TEACHING PERIODS |
|---|--|------------|------------------|
| Literature Reader: The Pool<br>The Trojan War |  |            |                  |
| 1 <sup>ST</sup> WEEK                          | An Interview with Arun Krishnamurthy   |            |                  |
| 2 <sup>ND</sup> WEEK                          | An Island of Trees   |            |                  |
| 3 <sup>RD</sup> WEEK                          | The Tyger  |            |                  |
| 4 <sup>TH</sup> WEEK                          | Grammar: Conjunctions<br>Writing Skill: Dialogue-writings<br>Class Activity: A class project on Heal The Earth |            |                  |

**NOVEMBER**

| CHAPTERS / TOPICS    |                               | WEIGHT-AGE | TEACHING PERIODS |
|----------------------|-------------------------------|------------|------------------|
|                      |                               |            |                  |
| 1 <sup>ST</sup> WEEK | <b>REVISION</b>               |            |                  |
| 2 <sup>ND</sup> WEEK | <b>REVISION</b>               |            |                  |
| 3 <sup>RD</sup> WEEK | <b>FINAL TERM EXAMINATION</b> |            |                  |
| 4 <sup>TH</sup> WEEK | <b>FINAL TERM EXAMINATION</b> |            |                  |

**DECEMBER**

| CHAPTERS / TOPICS |  | WEIGHT-AGE | TEACHING PERIODS |
|-------------------|--|------------|------------------|
|                   |  |            |                  |

|                      |  |  |
|----------------------|--|--|
|                      |  |  |
| 1 <sup>ST</sup> WEEK |  |  |
| 2 <sup>ND</sup> WEEK |  |  |
| 3 <sup>RD</sup> WEEK |  |  |
| 4 <sup>TH</sup> WEEK |  |  |

## COMPUTER

### MARCH

| CHAPTERS / TOPICS  |  | WEIGHT-AGE | TEACHING PERIODS |
|--|--|------------|------------------|
| <b>Chapter1: Cybersecurity (Theory)</b><br><b>Chapter2: Introduction to Python Coding (Theory + Practical)</b> |  |            |                  |
| 1 <sup>ST</sup> WEEK   | Basics of Cybersecurity<br>Cybersecurity Threats (Malware, Phishing, Identity Theft, Cyberbullying, Hacking)<br>Preventive Measures  |            |                  |
| 2 <sup>ND</sup> WEEK   | Digital Footprints and their implications<br>Netiquette and good digital manners<br><b>Project:</b> Create a mind map to stay safe from cybersecurity threats and change settings of your social media accounts to improve your online safety. |            |                  |
| 3 <sup>RD</sup> WEEK   | Introduction to Python Coding<br>Datatypes, Keywords and Variables   |            |                  |
| 4 <sup>TH</sup> WEEK   | User input and Functions<br>Conditional statement in Python<br>Functions and its types (In-built and User-defined functions)   |            |                  |

### APRIL

| CHAPTERS / TOPICS  |  | WEIGHT-AGE | TEACHING PERIODS |
|--|--|------------|------------------|
| <b>Chapter2: Introduction to Python Coding (Theory + Practical)</b><br><b>Chapter3: Advanced Python Coding (Practical)</b> |  |            |                  |
| 1 <sup>ST</sup> WEEK   | Using Logical Operators with Conditional Statements<br>Local Variables and Global Variables<br>Loops , types of loops and their use in Python          |            |                  |
| 2 <sup>ND</sup> WEEK   | <b>Project:</b> Build a basic Rock Paper Scissors game in Python<br>Introduction to Artificial Intelligence<br>Sentiment Analysis and its Applications |            |                  |
| 3 <sup>RD</sup> WEEK   | Introduction to Machine Learning<br>Apply Machine Learning concepts to Train the Computer  |            |                  |
| 4 <sup>TH</sup> WEEK   | <b>PREMID EXAMINATION</b>  |            |                  |

### MAY

| CHAPTERS / TOPICS  |  | WEIGHT-AGE | TEACHING PERIODS |
|--|--|------------|------------------|
| <b>Chapter3: Advanced Python Coding (Practical)</b><br><b>Chapter 4: Emerging Technologies and AI Ethics (Theory)</b><br><b>Chapter 5: Introduction to Database with MySQL (Theory +Practical)</b> |  |            |                  |
| 1 <sup>ST</sup> WEEK   | Functions with Arguments<br>Python libraries like Sklearn for building an AI model<br><b>Project:</b> Create a simple sentiment analyser that categorises text as positive or negative   |            |                  |
| 2 <sup>ND</sup> WEEK   | Emerging technologies like computer vision, virtual reality, augmented reality, big data, and block chain  |            |                  |
| 3 <sup>RD</sup> WEEK   | Principles of AI ethics, using AI fairly, safely and responsibly<br>Real world applications of emerging technologies and their impact<br><b>Project:</b> Create a poster on emerging technologies and their significance in our changing world<br>Evaluate AI ethics in social media |            |                  |
| 4 <sup>TH</sup> WEEK   | Introduction to Database and MySQL<br>Components of the MySQL editor interface and basic queries<br>Structure of a database<br>SQL commands to create a table<br>SQL commands and clauses to create, edit, add, and delete data from a table   |            |                  |

### JUNE

| CHAPTERS / TOPICS   | WEIGHT-AGE | TEACHING PERIODS |
|---|------------|------------------|
| <b>Chapter 5: Introduction to Database with MySQL (Theory +practical)</b> |            |                  |

|                      |   |
|----------------------|---|
| 1 <sup>ST</sup> WEEK | Primary key to uniquely identify entries in a database<br>Data searching and sorting in a database<br><b>Project:</b> Create a library report which retrieves information from the database using the search function |
| 2 <sup>ND</sup> WEEK | <b>REVISION</b>   |
| 3 <sup>RD</sup> WEEK | <b>MID TERM EXAMINATION</b>   |
| 4 <sup>TH</sup> WEEK | <b>MID TERM EXAMINATION</b>   |

## JULY

| CHAPTERS / TOPICS                            |  | WEIGHT-AGE | TEACHING PERIODS |
|--|--|------------|------------------|
| <b>Chapter 6: Advanced MYSQL (Practical)</b> |  |            |                  |
| 1 <sup>ST</sup> WEEK                         | Retrieve specific data from a database using SQL queries<br>Logical operators (AND, OR, IN, NOT IN) to refine search results   |            |                  |
| 2 <sup>ND</sup> WEEK                         | JOIN clause to combine and fetch data from tables<br>Sort and filter data using SQL commands<br><b>Project:</b> Create a book management system where you can search, retrieve, and organise data.<br>Practice Questions |            |                  |
| 3 <sup>RD</sup> WEEK                         | <b>SUMMER BREAK</b>  |            |                  |
| 4 <sup>TH</sup> WEEK                         | <b>SUMMER BREAK</b>  |            |                  |

## AUGUST

| CHAPTERS / TOPICS   |   | WEIGHT-AGE | TEACHING PERIODS |
|---|---|------------|------------------|
| <b>Chapter 7: Advanced Prompt Engineering for Generative AI (Theory)</b><br><b>Chapter 8: App Development with MIT App Inventor (Theory +Practical)</b> |   |            |                  |
| 1 <sup>ST</sup> WEEK  | Introduction to Large Language Models<br>Difference between search engines and Large Language Models<br>Prompt engineering frameworks for Generative AI |            |                  |
| 2 <sup>ND</sup> WEEK  | Mastering prompt design for different AI tasks<br>Common challenge associated with Generative AI<br>Ethical consideration when using Generative AI      |            |                  |
| 3 <sup>RD</sup> WEEK  | <b>Project:</b> Code a web page using prompt engineering<br>Introduction to MIT App Inventor<br>Importance of an SOS app                                |            |                  |
| 4 <sup>TH</sup> WEEK  | Design components (Button, Label, Text Box , Texting , Location Sensor)<br>Tiny DB to store data  |            |                  |

## SEPTEMBER

| CHAPTERS / TOPICS   |  | WEIGHT-AGE | TEACHING PERIODS |
|---|--|------------|------------------|
| <b>Chapter 8: App Development with MIT App Inventor (Theory +Practical)</b><br><b>Chapter9 : Advanced App Development with MIT App Inventor (Practical)</b> |  |            |                  |
| 1 <sup>ST</sup> WEEK  | Control blocks, Text blocks, and logic blocks<br><b>Project:</b> Design an SOS app and construct the code to run it<br>Enhance the app with speech-to-text feature |            |                  |
| 2 <sup>ND</sup> WEEK  | Design elements required to create a game<br>Canvas and Image Sprite in MIT App Inventor   |            |                  |
| 3 <sup>RD</sup> WEEK  | Procedures and Arguments<br>Conditional statements, procedures, and timer  |            |                  |
| 4 <sup>TH</sup> WEEK  | <b>POST MID TERM EXAMINATION</b>   |            |                  |

## OCTOBER

| CHAPTERS / TOPICS   |  | WEIGHT-AGE | TEACHING PERIODS |
|---|--|------------|------------------|
| <b>Chapter 9: Advanced App Development with MIT App Inventor(Practical)</b> |  |            |                  |

| <b>Chapter 10:Data Visualisation with Python AI (Practical)</b> |   |
|---|---|
| 1 <sup>ST</sup> WEEK  | Tiny DB to store data<br><b>Project:</b> Create a Rabbit Mash game app using Tiny DB<br>Practice questions  |
| 2 <sup>ND</sup> WEEK  | Introduction to Data visualization<br>Word Cloud for Data Visualisation using AI and its significance in analyzing text data                                      |
| 3 <sup>RD</sup> WEEK  | Use of wordcloud and matplotlib<br>Apply a Shape to the word cloud  |
| 4 <sup>TH</sup> WEEK  | Use of Pillow and numpy<br><b>Project:</b> Create a basic word cloud for data visualisation, incorporating AI tools to organise and display frequently used words |

## NOVEMBER

| CHAPTERS / TOPICS    |                               | WEIGHT-AGE | TEACHING PERIODS |
|----------------------|-------------------------------|------------|------------------|
| 1 <sup>ST</sup> WEEK | <b>REVISION</b>               |            |                  |
| 2 <sup>ND</sup> WEEK | <b>REVISION</b>               |            |                  |
| 3 <sup>RD</sup> WEEK | <b>FINAL TERM EXAMINATION</b> |            |                  |
| 4 <sup>TH</sup> WEEK | <b>FINAL TERM EXAMINATION</b> |            |                  |

## PHYSICS

### MARCH

| CHAPTERS / TOPICS             |  | WEIGHT-AGE | TEACHING PERIODS |
|-------------------------------|--|------------|------------------|
| CHAPTER 01:FORCE AND PRESSURE |  |            |                  |
| 1 <sup>ST</sup> WEEK          | Introduction and explanation of the content<br>Definition: Force and its effects     |            |                  |
| 2 <sup>ND</sup> WEEK          | Force: Types with real-life examples   |            |                  |
| 3 <sup>RD</sup> WEEK          | Pressure :Definition and its application<br>Pressure :Measurement and it's units     |            |                  |
| 4 <sup>TH</sup> WEEK          | Atmospheric Pressure and factors affecting it<br>Application of Atmospheric Pressure |            |                  |

### APRIL

| CHAPTERS / TOPICS    |   | WEIGHT-AGE | TEACHING PERIODS |
|----------------------|---|------------|------------------|
|                      |   |            |                  |
| 1 <sup>ST</sup> WEEK | Oral Test/Written Test/Worksheets/Presentation/Question-Answers   |            |                  |
| 2 <sup>ND</sup> WEEK | Activity 01. To study/observe the net effect of two forces acting on a body.<br>02. To study gravitational force and magnetic force acting on a body.<br>03. To study electrostatic and atmospheric pressure. |            |                  |
| 3 <sup>RD</sup> WEEK | REVISION  |            |                  |
| 4 <sup>TH</sup> WEEK | <b>PRE MID TERM EXAMINATION</b>   |            |                  |

### MAY

| CHAPTERS / TOPICS       |  | WEIGHT-AGE | TEACHING PERIODS |
|-------------------------|--|------------|------------------|
| <b>CHAPTER 02:SOUND</b> |  |            |                  |
| 1 <sup>ST</sup> WEEK    | Introduction and explanation of the content<br>Definition :Sound and it's properties |            |                  |
| 2 <sup>ND</sup> WEEK    | Sound waves :Properties<br>Sound: Characteristics                                    |            |                  |
| 3 <sup>RD</sup> WEEK    | Speed of Sound, Reflection and Absorption of Sound<br>Sound produced by humans       |            |                  |
| 4 <sup>TH</sup> WEEK    | Oral Test/Written Test/Worksheets/Presentation/Question-Answers                      |            |                  |

### JUNE

| CHAPTERS / TOPICS    |   | WEIGHT-AGE                  | TEACHING PERIODS |
|----------------------|---|-----------------------------|------------------|
|                      |   |                             |                  |
| 1 <sup>ST</sup> WEEK | Activity 01.To study propagation and vibrations produced by the sound.<br>02. To prove that sound travels through a solid and liquid surface. |                             |                  |
| 2 <sup>ND</sup> WEEK | REVISION  |                             |                  |
| 3 <sup>RD</sup> WEEK | <b>MID TERM EXAMINATION</b>   |                             |                  |
| 4 <sup>TH</sup> WEEK | .   | <b>MID TERM EXAMINATION</b> |                  |

### JULY

| CHAPTERS / TOPICS          |  | WEIGHT-AGE | TEACHING PERIODS |
|----------------------------|--|------------|------------------|
| <b>CHAPTER 03:FRICTION</b> |  |            |                  |
| 1 <sup>ST</sup> WEEK       | Introduction and explanation of the content<br>Friction: Definition and Causes of Friction |            |                  |
| 2 <sup>ND</sup> WEEK       | Friction in daily life: Advantage and disadvantages  |            |                  |
| 3 <sup>RD</sup> WEEK       | <b>SUMMER BREAK</b>  |            |                  |
| 4 <sup>TH</sup> WEEK       | <b>SUMMER BREAK</b>  |            |                  |

## AUGUST

| CHAPTERS / TOPICS                      |   | WEIGHT-AGE | TEACHING PERIODS |
|--|---|------------|------------------|
| <b>CHAPTER 04: REFLECTION OF LIGHT</b> |   |            |                  |
| 1 <sup>ST</sup> WEEK                   | Oral Test/Written Test/Worksheets/Presentation/Question-Answers   |            |                  |
| 2 <sup>ND</sup> WEEK                   | Activity: To show that rolling friction is less than sliding friction.<br>Activity: To make a friction tester |            |                  |
| 3 <sup>RD</sup> WEEK                   | <b>CHAPTER 04: REFLECTION OF LIGHT</b>  |            |                  |
| 4 <sup>TH</sup> WEEK                   | Introduction and explanation of the content<br>Light :Introduction and definition                             |            |                  |

## SEPTEMBER

| CHAPTERS / TOPICS    |   | WEIGHT-AGE | TEACHING PERIODS |
|----------------------|---|------------|------------------|
|                      |   |            |                  |
| 1 <sup>ST</sup> WEEK | Reflection: Definition and types of reflection<br>Laws of reflection, Plane mirrors: Properties   |            |                  |
| 2 <sup>ND</sup> WEEK | Image formation by plane mirrors and uses of plane mirrors<br>The Kaleidoscope: Construction and working                                |            |                  |
| 3 <sup>RD</sup> WEEK | Oral Test/Written Test/Worksheets/Presentation/Question-Answers<br>Activity: To study the laws of reflection.<br>To make a kaleidoscope |            |                  |
| 4 <sup>TH</sup> WEEK | <b>POST MID TERM EXAMINATION</b>  |            |                  |

## OCTOBER

| CHAPTERS / TOPICS                                     |   | WEIGHT-AGE | TEACHING PERIODS |
|---|---|------------|------------------|
| <b>CHAPTER 05: REFRACTION AND DISPERSION OF LIGHT</b> |   |            |                  |
| 1 <sup>ST</sup> WEEK                                  | Introduction and explanation of the content.<br>Refraction: Definition and it's cause and effects<br>Refraction by a glass slab and prism<br>Dispersion :Definition and cause of dispersion |            |                  |
| 2 <sup>ND</sup> WEEK                                  | Lenses and terms related to lenses<br>Eye: The natural optical instrument   |            |                  |
| 3 <sup>RD</sup> WEEK                                  | Working and accommodation of the eye<br>Defects of vision<br>Care of the eye and Braille System   |            |                  |
| 4 <sup>TH</sup> WEEK                                  | Oral Test/Written Test/Worksheets/Presentation/Question-Answers   |            |                  |

## NOVEMBER

| CHAPTERS / TOPICS    |  | WEIGHT-AGE | TEACHING PERIODS |
|----------------------|--|------------|------------------|
|                      |  |            |                  |
| 1 <sup>ST</sup> WEEK | Activity: To observe refraction of light.<br>To study dispersion of light. |            |                  |
| 2 <sup>ND</sup> WEEK | <b>REVISION</b>  |            |                  |
| 3 <sup>RD</sup> WEEK | <b>FINAL TERM EXAMINATION</b>  |            |                  |
| 4 <sup>TH</sup> WEEK | <b>FINAL TERM EXAMINATION</b>  |            |                  |

## DECEMBER

| CHAPTERS / TOPICS    |  | WEIGHT-AGE | TEACHING PERIODS |
|----------------------|--|------------|------------------|
|                      |  |            |                  |
| 1 <sup>ST</sup> WEEK |  |            |                  |
| 2 <sup>ND</sup> WEEK |  |            |                  |
| 3 <sup>RD</sup> WEEK |  |            |                  |
| 4 <sup>TH</sup> WEEK |  |            |                  |

## CHEMISTRY

### MARCH

| CHAPTERS / TOPICS                    |  | WEIGHT-AGE | TEACHING PERIODS |
|--------------------------------------|--|------------|------------------|
| <b>CHAPTER 01:COAL AND PETROLEUM</b> |  |            |                  |
| 1 <sup>ST</sup> WEEK                 | Introduction and explanation of the content<br>Natural resources: Definition |            |                  |
| 2 <sup>ND</sup> WEEK                 | Renewable and non-renewable resources  |            |                  |
| 3 <sup>RD</sup> WEEK                 | Conservation of resources<br>Fossil Fuel :Coal and its types                 |            |                  |
| 4 <sup>TH</sup> WEEK                 | Fossil Fuel :Petroleum, it's origin and occurrence                           |            |                  |

### APRIL

| CHAPTERS / TOPICS    |   | WEIGHT-AGE | TEACHING PERIODS |
|----------------------|---|------------|------------------|
|                      |   |            |                  |
| 1 <sup>ST</sup> WEEK | Natural gas, Energy and Technological Development<br>Prevention of energy crises  |            |                  |
| 2 <sup>ND</sup> WEEK | Oral Test/Written Test/Worksheets/Presentation/Question-Answers<br>Activity: To study about the properties of different types of coals. |            |                  |
| 3 <sup>RD</sup> WEEK | REVISION  |            |                  |
| 4 <sup>TH</sup> WEEK | <b>PRE MID TERM EXAMINATION</b>   |            |                  |

### MAY

| CHAPTERS / TOPICS                       |  | WEIGHT-AGE | TEACHING PERIODS |
|---|--|------------|------------------|
| <b>CHAPTER 02 :COMBUSTION AND FLAME</b> |  |            |                  |
| 1 <sup>ST</sup> WEEK                    | Introduction and explanation of the content.<br>Combustion: Definition, Products of Combustion and factors necessary for combustion. |            |                  |
| 2 <sup>ND</sup> WEEK                    | Types of Combustion<br>Extinguishing a fire  |            |                  |
| 3 <sup>RD</sup> WEEK                    | Flame and it's structure<br>Fuel: Calorific Value, Characteristics, and Types<br>Impact of fuels on environment                      |            |                  |
| 4 <sup>TH</sup> WEEK                    | Revision/ Oral Test/Written Test/Worksheets/Presentation/Question-Answers  |            |                  |

### JUNE

| CHAPTERS / TOPICS    |  | WEIGHT-AGE | TEACHING PERIODS |
|----------------------|--|------------|------------------|
|                      |  |            |                  |
| 1 <sup>ST</sup> WEEK | Activity: To prove oxygen is necessary for combustion.<br>To study ignition temperature of different objects.<br>To study structure of candle flame. |            |                  |
| 2 <sup>ND</sup> WEEK | REVISION   |            |                  |
| 3 <sup>RD</sup> WEEK | <b>MID TERM EXAMINATION</b>  |            |                  |
| 4 <sup>TH</sup> WEEK | <b>MID TERM EXAMINATION</b>  |            |                  |

### JULY

| CHAPTERS / TOPICS                        |  | WEIGHT-AGE | TEACHING PERIODS |
|--|--|------------|------------------|
| <b>CHAPTER 03:SOME NATURAL PHENOMENA</b> |  |            |                  |
| 1 <sup>ST</sup> WEEK                     | Introduction and explanation of the content.<br>Lighting :Cause and electrical discharge |            |                  |
| 2 <sup>ND</sup> WEEK                     | Positive and Negative charge :Nature and property<br>Ways of charging a body             |            |                  |
| 3 <sup>RD</sup> WEEK                     | <b>SUMMER BREAK</b>  |            |                  |

**AUGUST**

| CHAPTERS / TOPICS    |   | WEIGHT-AGE | TEACHING PERIODS |
|----------------------|---|------------|------------------|
| 1 <sup>st</sup> WEEK | The Electroscope :Detection and measurement of charge |            |                  |
| 2 <sup>ND</sup> WEEK | Conductors and Insulators                             |            |                  |
| 3 <sup>RD</sup> WEEK | Atmospheric electricity: Origin and safety            |            |                  |
| 4 <sup>TH</sup> WEEK | Earthquake: Measurement and Main causes               |            |                  |

**SEPTEMBER**

| CHAPTERS / TOPICS    |   | WEIGHT-AGE | TEACHING PERIODS |
|----------------------|---|------------|------------------|
| 1 <sup>st</sup> WEEK | Effects of earthquake and prevention  |            |                  |
| 2 <sup>ND</sup> WEEK | Oral Test/Written Test/Worksheets/Presentation/Question-Answers<br>Activity: To study electrostatic force of attraction.<br>To study the working of Electroscope. |            |                  |
| 3 <sup>RD</sup> WEEK | REVISION  |            |                  |
| 4 <sup>TH</sup> WEEK | <b>POST MID TERM EXAMINATION</b>  |            |                  |

**OCTOBER**

| CHAPTERS / TOPICS                               |   | WEIGHT-AGE | TEACHING PERIODS |
|---|---|------------|------------------|
| CHAPTER 04:CHEMICAL EFFECTS OF ELECTRIC CURRENT |   |            |                  |
| 1 <sup>st</sup> WEEK                            | Electric Current: Introduction and direction<br>Circuit ,Conductors and insulators  |            |                  |
| 2 <sup>ND</sup> WEEK                            | Electrolysis<br>Application of Electrolysis   |            |                  |
| 3 <sup>RD</sup> WEEK                            | Galvanic Cell :Construction and Working   |            |                  |
| 4 <sup>TH</sup> WEEK                            | Oral Test/Written Test/Worksheets/Presentation/Question-Answers<br>Activity01.To observe conduction of electricity through various objects.<br>02. To study and demonstrate Electrolysis.<br>03. To study dry cell and it's various components. |            |                  |

**NOVEMBER**

| CHAPTERS / TOPICS    |                               | WEIGHT-AGE | TEACHING PERIODS |
|----------------------|-------------------------------|------------|------------------|
| 1 <sup>ST</sup> WEEK | REVISION                      |            |                  |
| 2 <sup>ND</sup> WEEK | REVISION                      |            |                  |
| 3 <sup>RD</sup> WEEK | <b>FINAL TERM EXAMINATION</b> |            |                  |
| 4 <sup>TH</sup> WEEK | <b>FINAL TERM EXAMINATION</b> |            |                  |

**DECEMBER**

| CHAPTERS / TOPICS    |  | WEIGHT-AGE | TEACHING PERIODS |
|----------------------|--|------------|------------------|
| 1 <sup>ST</sup> WEEK |  |            |                  |
| 2 <sup>ND</sup> WEEK |  |            |                  |
| 3 <sup>RD</sup> WEEK |  |            |                  |
| 4 <sup>TH</sup> WEEK |  |            |                  |

## BIOLOGY

### MARCH

| CHAPTERS / TOPICS                |  | WEIGHT-AGE | TEACHING PERIODS |
|----------------------------------|--|------------|------------------|
| <b>CHAPTER 01:MICROORGANISMS</b> |  |            |                  |
| 1 <sup>ST</sup> WEEK             | Introduction and explanation of the content<br>Microorganisms: Definition, Habitat and Types |            |                  |
| 2 <sup>ND</sup> WEEK             | Bacteria :General Characteristics  |            |                  |
| 3 <sup>RD</sup> WEEK             | Protozoa: General Characteristics  |            |                  |
| 4 <sup>TH</sup> WEEK             | Fungi :General Characteristics   |            |                  |

### APRIL

| CHAPTERS / TOPICS    |  | WEIGHT-AGE | TEACHING PERIODS |
|----------------------|--|------------|------------------|
|                      |  |            |                  |
| 1 <sup>ST</sup> WEEK | Viruses: General Characteristics<br>Useful microorganisms  |            |                  |
| 2 <sup>ND</sup> WEEK | Harmful microorganisms and food preservation<br>Oral Test/Written Test/Worksheets/Presentation/Question-Answers<br><br>Activity: To observe microscope and it's working.<br>To study fermentation of sugar by yeast.<br>To observe permanent slides of microbes. |            |                  |
| 3 <sup>RD</sup> WEEK | REVISION   |            |                  |
| 4 <sup>TH</sup> WEEK | <b>PRE MID TERM EXAMINATION</b>  |            |                  |

### MAY

| CHAPTERS / TOPICS              |  | WEIGHT-AGE | TEACHING PERIODS |
|--------------------------------|--|------------|------------------|
| <b>CHAPTER 02:REPRODUCTION</b> |  |            |                  |
| 1 <sup>ST</sup> WEEK           | Introduction and explanation of the content<br>Reproduction: Definition and its importance |            |                  |
| 2 <sup>ND</sup> WEEK           | Modes of reproduction: Sexual Reproduction (Humans)<br>Reproductive Systems: Male          |            |                  |
| 3 <sup>RD</sup> WEEK           | Reproductive System: Female<br>Fertilization: Internal and external                        |            |                  |
| 4 <sup>TH</sup> WEEK           | Development of embryo<br>Viviparous and Oviparous animals<br>Metamorphosis                 |            |                  |

### JUNE

| CHAPTERS / TOPICS    |   | WEIGHT-AGE | TEACHING PERIODS |
|----------------------|---|------------|------------------|
|                      |   |            |                  |
| 1 <sup>ST</sup> WEEK | Oral Test/Written Test/Worksheets/Presentation/Question-Answers<br>Activity: To observe/study the structure of reproductive cells (egg and sperm).<br>Activity: To study developmental stages of different animals via charts/videos etc. |            |                  |
| 2 <sup>ND</sup> WEEK | REVISION  |            |                  |
| 3 <sup>RD</sup> WEEK | <b>MID TERM EXAMINATION</b>   |            |                  |
| 4 <sup>TH</sup> WEEK | <b>MID TERM EXAMINATION</b>   |            |                  |

### JULY

| CHAPTERS / TOPICS                                 |   | WEIGHT-AGE | TEACHING PERIODS |
|---|---|------------|------------------|
| <b>CHAPTER 03:REACHING THE AGE OF ADOLESCENCE</b> |   |            |                  |
| 1 <sup>ST</sup> WEEK                              | Introduction and explanation of the content |            |                  |

|                      |   |
|----------------------|---|
|                      | Adolescence: Definition                                   |
| 2 <sup>ND</sup> WEEK | Endocrine System: Hormones<br>Puberty :Changes at puberty |
| 3 <sup>RD</sup> WEEK | <b>SUMMER BREAK</b>                                       |
| 4 <sup>TH</sup> WEEK | <b>SUMMER BREAK</b>                                       |

## AUGUST

|                      | CHAPTERS / TOPICS  | WEIGHT-AGE | TEACHING PERIODS |
|----------------------|--|------------|------------------|
|                      |  |            |                  |
| 1 <sup>ST</sup> WEEK | The Menstrual Cycle<br>Determining the sex of the baby   |            |                  |
| 2 <sup>ND</sup> WEEK | Health for adolescents<br>Oral Test/Written Tests/Worksheets/Presentation/Question-Answers<br>Activity: To study menstrual cycle in humans.<br>To study different endocrine glands and their secretions. |            |                  |
| 3 <sup>RD</sup> WEEK | <b>CHAPTER 04:CONSERVATION OF PLANTS AND ANIMALS</b>   |            |                  |
| 4 <sup>TH</sup> WEEK | Introduction and explanation of the content.<br>Biodiversity: Definition and Importance  |            |                  |

## SEPTEMBER

|                      | CHAPTERS / TOPICS   | WEIGHT-AGE | TEACHING PERIODS |
|----------------------|---|------------|------------------|
|                      |   |            |                  |
| 1 <sup>ST</sup> WEEK | Threats to Biodiversity<br>Conservation of forests and wildlife   |            |                  |
| 2 <sup>ND</sup> WEEK | Endemic species and Red Data Book<br>National parks, Wildlife sanctuaries   |            |                  |
| 3 <sup>RD</sup> WEEK | Oral Test/Written Test/Worksheets/Presentation/Question-Answers<br>Activity: To make a list of flora and fauna of your region with proper identification.<br>To gather information of any National park/wildlife Sanctuary of your state. |            |                  |
| 4 <sup>TH</sup> WEEK | <b>POST MID TERM EXAMINATION</b>  |            |                  |

## OCTOBER

|                      | CHAPTERS / TOPICS   | WEIGHT-AGE | TEACHING PERIODS |
|----------------------|---|------------|------------------|
|                      | <b>CHAPTER 05:CROP PRODUCTION</b>   |            |                  |
| 1 <sup>ST</sup> WEEK | Agriculture and crop plants   |            |                  |
| 2 <sup>ND</sup> WEEK | Methods of crop production: Preparation of soil and seed selection                                    |            |                  |
| 3 <sup>RD</sup> WEEK | Methods of crop production: Sowing and Manuring<br>Methods of crop production: Irrigation and Weeding |            |                  |
| 4 <sup>TH</sup> WEEK | Harvesting, Threshing and Winnowing   |            |                  |

## NOVEMBER

|                      | CHAPTERS / TOPICS   | WEIGHT-AGE | TEACHING PERIODS |
|----------------------|---|------------|------------------|
|                      |   |            |                  |
| 1 <sup>ST</sup> WEEK | Activity: To study germination of a seed.<br>To study the effect of different chemicals in agriculture. |            |                  |
| 2 <sup>ND</sup> WEEK | <b>REVISION</b>   |            |                  |
| 3 <sup>RD</sup> WEEK | <b>FINAL TERM EXAMINATION</b>   |            |                  |
| 4 <sup>TH</sup> WEEK | <b>FINAL TERM EXAMINATION</b>   |            |                  |

## DECEMBER

|                      | CHAPTERS / TOPICS | WEIGHT-AGE | TEACHING PERIODS |
|----------------------|-------------------|------------|------------------|
| 1 <sup>ST</sup> WEEK |                   |            |                  |

|                      |  |
|----------------------|--|
| 2 <sup>ND</sup> WEEK |  |
| 3 <sup>RD</sup> WEEK |  |
| 4 <sup>TH</sup> WEEK |  |

## Social science

### MARCH

| CHAPTERS / TOPICS  |   | WEIGHT-AGE | TEACHING PERIODS |
|--|---|------------|------------------|
| Chapter 1: Modern period in Indian History- when, where and how. | Chapter 2: Colonial rule in India.  |            |                  |
| Chapter 3: Our resources   | Chapter 4: The Constitution of India.   |            |                  |
| Chapter 5: Land and soil resources.                              |   |            |                  |
| 1 <sup>ST</sup> WEEK   | <ul style="list-style-type: none"> <li>✓ Transition to the modern period and development in the world.</li> <li>✓ Sources of modern history</li> <li>✓ The advent of the Europeans.</li> <li>✓ The conquest of Bengal</li> <li>✓ Dual governance in Bengal</li> <li>✓ Conquest of Mysore.</li> <li>✓ The mighty Marathas and administration under British.</li> </ul> |            |                  |
| 2 <sup>ND</sup> WEEK   | <ul style="list-style-type: none"> <li>✓ What is a resource and what are its types.</li> <li>✓ Sustainable development and sustainable development goals</li> <li>✓ What is a land resource? Mention the ways through which land use can be done.</li> <li>✓ Land Resource and its conservation.</li> </ul>   |            |                  |
| 3 <sup>RD</sup> WEEK   | <ul style="list-style-type: none"> <li>✓ Define soil resource? Discuss the various types of soil.</li> <li>✓ Soil formation and soil profile.</li> <li>✓ Soil erosion and conservation.</li> </ul>  |            |                  |
| 4 <sup>TH</sup> WEEK   | <ul style="list-style-type: none"> <li>✓ What is a constitution mention some of the key features of constitution of India.</li> <li>✓ Need of laws and the role of constitution.</li> <li>✓ Constitution a living document.</li> </ul> <p>ACTIVITY: "Perform a skit between the two groups one opposing the doctrine of lapse and other representing British."</p>    |            |                  |

### APRIL

| CHAPTERS / TOPICS                                 |  | WEIGHT-AGE | TEACHING PERIODS |
|---|--|------------|------------------|
| Chapter 1: Administration of colonial government  | Chapter 2: Water resources   |            |                  |
| Chapter 3: Secularism and the Indian constitution |  |            |                  |
| 1 <sup>ST</sup> WEEK                              | <ul style="list-style-type: none"> <li>✓ The early administrative structure of British</li> <li>✓ The various pillars of British administration</li> <li>✓ Discrimination against the Indians</li> </ul>   |            |                  |
| 2 <sup>ND</sup> WEEK                              | <ul style="list-style-type: none"> <li>✓ Significance of water</li> <li>✓ Distribution of water</li> <li>✓ Conservation of water</li> </ul>  |            |                  |
| 3 <sup>RD</sup> WEEK                              | <ul style="list-style-type: none"> <li>✓ Understanding the concept of secularism</li> <li>✓ Fundamental rights</li> <li>✓ Fundamental duties</li> </ul> <p>ACTIVITY: "Class room discussion regarding the scarcity of water resources and steps to control its pollution at individual level."</p> |            |                  |
| 4 <sup>TH</sup> WEEK                              | PRE MID TERM EXAMINATION   |            |                  |

## MAY

| CHAPTERS / TOPICS  |  | WEIGHT-AGE | TEACHING PERIODS |
|--|--|------------|------------------|
| Chapter 1: Rural life and society<br>Chapter 2: Natural vegetation and wildlife resources<br>Chapter 3: Colonialism and tribal societies<br>Chapter 4: Weavers, crafts and industries.<br>Chapter 5: Parliamentary government and the union executive. |  |            |                  |
| 1 <sup>ST</sup><br>WEEK  | ✓ Different land revenue settlements<br>✓ Commercialization of Agriculture and Peasant revolt.<br>✓ Impact of the colonial agrarian policy   |            |                  |
| 2 <sup>ND</sup><br>WEEK  | ✓ Changes in the tribal life<br>✓ British policies against the tribal life<br>✓ Tribal revolts in various parts of India<br>✓  |            |                  |
| 3 <sup>RD</sup><br>WEEK  | ✓ The economic drain of India and decline of traditional industries<br>✓ Industrialization in India of 19 century.<br>✓ Modern industries in India.<br>✓ Impact of colonial policies   |            |                  |
| 4 <sup>TH</sup><br>WEEK  | ✓ Why do we need the parliamentary form of the government<br>✓ Union Legislature of a parliament<br>✓ Powers of the parliament and the role of political parties<br>✓ The Union executives (The president, The Prime minister, Vice president, Council of Ministers) |            |                  |
| ACTIVITY: "Make a list of Endangered species published in RED BOOK".   |  |            |                  |

## JUNE

| CHAPTERS / TOPICS        |  | WEIGHT-AGE           | TEACHING PERIODS |
|--------------------------|--|----------------------|------------------|
| Chapter 6: The judiciary |  |                      |                  |
| 1 <sup>ST</sup><br>WEEK  | ✓ The Indian Judiciary and the hierarchy of Indian judiciary (The Supreme Court, High court and the subordinate courts)<br>✓ Independence of Indian Judiciary system.<br>✓ The concept of PIL<br>ACTIVITY: "Collect the factual details of the various official buildings of our country". |                      |                  |
| 2 <sup>ND</sup><br>WEEK  | REVISION   |                      |                  |
| 3 <sup>RD</sup><br>WEEK  | MID TERM EXAMINATION   |                      |                  |
| 4 <sup>TH</sup><br>WEEK  | .  | MID TERM EXAMINATION |                  |

## JULY

| CHAPTERS / TOPICS  |   | WEIGHT-AGE | TEACHING PERIODS |
|--|---|------------|------------------|
| Chapter 1: The revolt of 1857<br>Chapter 2: Education and the British rule<br>Chapter 3: Minerals and the power resources<br>Chapter 4: Understanding the laws |   |            |                  |
| 1 <sup>ST</sup> WEEK   | ✓ Background of the revolt of 1857 and its causes.<br>✓ Spread of the revolt and the suppression of the revolt.<br>✓ Failure of the revolt and aftermath. |            |                  |

|                         |  |
|-------------------------|--|
|                         | <ul style="list-style-type: none"> <li>✓ Indigenous education system of India and the arrival of modern British education system.</li> <li>✓ Shortcomings of the British education policy and Growth of national education.</li> </ul>   |
| 2 <sup>ND</sup><br>WEEK | <ul style="list-style-type: none"> <li>✓ What are mineral resources and its types.</li> <li>✓ Mining and distribution of minerals.</li> <li>✓ Conservation of minerals and power resources</li> <li>✓ Conventional and non-conventional sources of power.</li> <li>✓ History of law making in India and making of new laws</li> <li>✓ Laws and descents</li> </ul> |
| 3 <sup>RD</sup><br>WEEK | SUMMER BREAK   |
| 4 <sup>TH</sup><br>WEEK | SUMMER BREAK   |

## AUGUST

| CHAPTERS / TOPICS   |   | WEIGHT-AGE | TEACHING PERIODS |
|---|---|------------|------------------|
| Chapter 1: Socio-religious reforms                                | Chapter 2: Challenging the caste system   |            |                  |
| Chapter 3: Types of Agriculture and major crops                   | Chapter 4: Major crops and agricultural developments  |            |                  |
| Chapter 5: The role of police and courts                          |   |            |                  |
| 1 <sup>st</sup> WEEK  | <ul style="list-style-type: none"> <li>✓ India in nineteenth century (condition of women)</li> <li>✓ Socio religious reforms (Raja Ram Mohan Roy and other thinkers)</li> <li>✓ Women reform</li> <li>✓ Struggle against the caste system</li> <li>✓ Reform movements and special case of Maharashtra.</li> </ul> |            |                  |
| 2 <sup>ND</sup><br>WEEK   | <ul style="list-style-type: none"> <li>✓ Factors influencing the agriculture</li> <li>✓ Types of farming (Subsistence agriculture and commercial agriculture)</li> <li>✓</li> </ul>   |            |                  |
| 3 <sup>RD</sup><br>WEEK   | <ul style="list-style-type: none"> <li>✓ The major crops of India</li> <li>✓ Food crops, commercial crops, fiber crops, beverage crops.</li> <li>✓ Agricultural Developments in India</li> </ul>  |            |                  |
| 4 <sup>TH</sup><br>WEEK   | <ul style="list-style-type: none"> <li>✓ The meaning of courts and police</li> <li>✓ What is an FIR</li> <li>✓ What is the role of Courts.</li> </ul>   |            |                  |
| ACTIVITY: “Organise a campaign pertaining to Say No to Polythene” |   |            |                  |

## SEPTEMBER

| CHAPTERS / TOPICS                        |  | WEIGHT-AGE | TEACHING PERIODS |
|--|--|------------|------------------|
| Chapter 1: Colonialism and Urban changes | Chapter 2: Changes in art and architecture   |            |                  |
| Chapter 3: Manufacturing industries      | Chapter 4: Understanding marginalisation   |            |                  |
| 1 <sup>st</sup> WEEK                     | <ul style="list-style-type: none"> <li>✓ What are presidency towns and de urbanization</li> <li>✓ Growth and administration of new towns</li> <li>✓ Changes in Indian Art and performing the Art.</li> <li>✓ The development in literature and the architecture</li> </ul> |            |                  |
| 2 <sup>ND</sup><br>WEEK                  | <ul style="list-style-type: none"> <li>✓ What is an industry and its classification and discuss the various factors that affect the location of an industry.</li> <li>✓ Industrial regions and major industries.</li> </ul>  |            |                  |
| 3 <sup>RD</sup><br>WEEK                  | <ul style="list-style-type: none"> <li>✓ The concept of marginalization</li> <li>✓ Marginalized communities and effects of marginalization</li> </ul>  |            |                  |

## OCTOBER

| CHAPTERS / TOPICS  |  | WEIGHT-AGE | TEACHING PERIODS |
|--|--|------------|------------------|
| Chapter 1: Indian National Movement<br>Chapter 2: National Movement and Gandhian Era<br>Chapter 3: Industries comparative studies<br>Chapter 4: social justice and the marginalized.<br>Chapter 5: Economic presence of the government<br>Chapter 6: India after Independence. |  |            |                  |
| 1 <sup>ST</sup> WEEK   | <ul style="list-style-type: none"> <li>✓ Growth national consciousness</li> <li>✓ National movement (1885-1905)</li> <li>✓ Revolutionary activities outside India</li> <li>✓ Gandhian Era (Coming of THE LEADER)</li> <li>✓ The Revolutionary movements in the same period.</li> <li>✓ Independence and partition.</li> </ul>        |            |                  |
| 2 <sup>ND</sup> WEEK   | <ul style="list-style-type: none"> <li>✓ Iron and steel industry</li> <li>✓ Cotton textile industry</li> <li>✓ Information technology industry</li> <li>✓ Social justice and equal opportunities</li> <li>✓ Concept of schedule caste and scheduled tribes</li> <li>✓ Other backward classes (OBC), Women and Minorities.</li> </ul> |            |                  |
| 3 <sup>RD</sup> WEEK   | <ul style="list-style-type: none"> <li>✓ How far have the laws helped in removing injustice.</li> <li>✓ What is a plan? The concept of five-year plan?</li> <li>✓ Agriculture and industries under five-year plan.</li> <li>✓ The role of government in social sector</li> </ul>   |            |                  |
| 4 <sup>TH</sup> WEEK   | <ul style="list-style-type: none"> <li>✓ Development since 1947</li> <li>✓ Regional disparities</li> <li>✓ Indian foreign policy and future.</li> <li>✓ Indian relation with neighbor's</li> </ul>   |            |                  |
| ACTIVITY: Instruct the students to make the political map of India and locate the various industries.  |  |            |                  |

## NOVEMBER

| CHAPTERS / TOPICS  |  | WEIGHT-AGE | TEACHING PERIODS |
|--|--|------------|------------------|
| Chapter 1: Human resources<br>Chapter 2: India after Independence. |  |            |                  |
| 1 <sup>ST</sup> WEEK   | Human resources<br>India after Independence. |            |                  |
| 2 <sup>ND</sup> WEEK   | REVISION                                     |            |                  |
| 3 <sup>RD</sup> WEEK   | FINAL TERM EXAMINATION                       |            |                  |
| 4 <sup>TH</sup> WEEK   | FINAL TERM EXAMINATION                       |            |                  |

## DECEMBER

| CHAPTERS / TOPICS    |  | WEIGHT-AGE | TEACHING PERIODS |
|----------------------|--|------------|------------------|
|                      |  |            |                  |
| 1 <sup>ST</sup> WEEK |  |            |                  |
| 2 <sup>ND</sup>      |  |            |                  |

|                         |  |
|-------------------------|--|
| WEEK                    |  |
| 3 <sup>RD</sup><br>WEEK |  |
| 4 <sup>TH</sup><br>WEEK |  |

## LOGIC AND BEYOND

### MARCH

| CHAPTERS / TOPICS   |   | WEIGHT-AGE | TEACHING PERIODS |
|---|---|------------|------------------|
| CHAPTER NO 1 : Analogy .<br>CHAPTER NO 2: Classification .<br>CHAPTER NO 3: Ranking . |   |            |                  |
| 1 <sup>ST</sup> WEEK  | <b>Analogy:</b> Page NO (7 – 10 )           |            |                  |
| 2 <sup>ND</sup> WEEK  | <b>Classification :</b> Page NO ( 11 – 13 ) |            |                  |
| 3 <sup>RD</sup> WEEK  | <b>Ranking :</b> Page NO (14 – 17 )         |            |                  |
| 4 <sup>TH</sup> WEEK  | Worksheet.                                  |            |                  |

### APRIL

| CHAPTERS / TOPICS  |  | WEIGHT-AGE | TEACHING PERIODS |
|--|--|------------|------------------|
| CHAPTER NO 4 : Coding – Decoding.<br>CHAPTER NO 5 : Blood Relations .<br>CHAPTER NO 6 : Logical Venn Diagrams. |  |            |                  |
| 1 <sup>ST</sup> WEEK   | <b>Coding – Decoding :</b> Page NO (18 – 21)       |            |                  |
| 2 <sup>ND</sup> WEEK   | <b>Blood Relations:</b> Page NO ( 22 – 26 )        |            |                  |
| 3 <sup>RD</sup> WEEK   | <b>Logical Venn Diagrams :</b> Page NO ( 27 – 32 ) |            |                  |
| 4 <sup>TH</sup> WEEK   | <b>PRE MID TERM EXAMINATION</b>                    |            |                  |

### MAY

| CHAPTERS / TOPICS  |   | WEIGHT-AGE | TEACHING PERIODS |
|--|---|------------|------------------|
| CHAPTER NO 7 : Analogy .<br>CHAPTER NO 8 : Patterns .<br>CHAPTER NO 9: Classification. |   |            |                  |
| 1 <sup>ST</sup> WEEK   | <b>Analogy :</b> Page NO ( 33 – 37 )        |            |                  |
| 2 <sup>ND</sup> WEEK   | <b>Patterns :</b> Page NO ( 38 – 42 )       |            |                  |
| 3 <sup>RD</sup> WEEK   | <b>Classification :</b> Page NO ( 43 – 46 ) |            |                  |
| 4 <sup>TH</sup> WEEK   | Worksheets                                  |            |                  |

### JUNE

| CHAPTERS / TOPICS  |   | WEIGHT-AGE | TEACHING PERIODS |  |  |
|--|---|------------|------------------|--|--|
| CHAPTER NO 10 : Embedded Figures.<br>CHAPTER NO 11 : Mirror Images .<br>CHAPTER NO 12 : Water Images . |   |            |                  |  |  |
| 1 <sup>ST</sup> WEEK   | <b>Embedded Figures :</b> Page NO ( 47 – 51)<br><b>Mirror Images :</b> Page NO ( 52 – 56 )<br><b>Water Images :</b> Page NO ( 57 – 62 ) |            |                  |  |  |
| 2 <sup>ND</sup> WEEK   | <b>REVISION</b>   |            |                  |  |  |
| 3 <sup>RD</sup> WEEK   | <b>MID TERM EXAMINATION</b>   |            |                  |  |  |
| 4 <sup>TH</sup> WEEK   | <b>MID TERM EXAMINATION</b>   |            |                  |  |  |

### JULY

| CHAPTERS / TOPICS  |   | WEIGHT-AGE | TEACHING PERIODS |
|--|---|------------|------------------|
| CHAPTER NO 13 : Paper Cutting And Folding .<br>CHAPTER NO 14 :Puzzle test .<br>CHAPTER NO 15 : Numbers . |   |            |                  |
| 1 <sup>ST</sup> WEEK   | <b>Paper Cutting And Folding :</b> Page NO ( 63 – 68 )                              |            |                  |
| 2 <sup>ND</sup> WEEK   | <b>Puzzle Test :</b> Page NO ( 69 – 73 ).<br><b>Numbers :</b> Page NO ( 74 – 77 ) . |            |                  |

|                      |                     |
|----------------------|---------------------|
| 3 <sup>RD</sup> WEEK | <b>SUMMER BREAK</b> |
| 4 <sup>TH</sup> WEEK | <b>SUMMER BREAK</b> |

## AUGUST

| CHAPTERS / TOPICS       |  | WEIGHT-AGE | TEACHING PERIODS |
|-------------------------|--|------------|------------------|
| CHAPTER NO 16 : Series. | CHAPTER NO 17 : Simple Mathematical Operations.              |            |                  |
| CHAPTER NO 18 : Age.    |  |            |                  |
| 1 <sup>ST</sup> WEEK    | <b>Series</b> : Page NO ( 78 – 81 ).                         |            |                  |
| 2 <sup>ND</sup> WEEK    | <b>Simple Mathematical Operations</b> : Page NO ( 82 – 85 ). |            |                  |
| 3 <sup>RD</sup> WEEK    | <b>Age</b> : Page NO : ( 86 – 89 ).                          |            |                  |
| 4 <sup>TH</sup> WEEK    | Worksheets.  |            |                  |

## SEPTEMBER

| CHAPTERS / TOPICS                        |  | WEIGHT-AGE | TEACHING PERIODS |
|--|--|------------|------------------|
| CHAPTER NO 19 : BODMAS.                  | CHAPTER NO 20 : Analytical Reasoning .               |            |                  |
| CHAPTER NO 21 : Fractions And Decimals . |  |            |                  |
| 1 <sup>ST</sup> WEEK                     | <b>BODMAS</b> : Page NO ( 89 – 93 )                  |            |                  |
| 2 <sup>ND</sup> WEEK                     | <b>Analytical</b> : Page NO ( 94 – 98 )              |            |                  |
| 3 <sup>RD</sup> WEEK                     | <b>Fractions And Decimals</b> : Page NO ( 99 – 102 ) |            |                  |
| 4 <sup>TH</sup> WEEK                     | <b>POST MID TERM EXAMINATION</b>                     |            |                  |

## OCTOBER

| CHAPTERS / TOPICS                |  | WEIGHT-AGE | TEACHING PERIODS |
|----------------------------------|--|------------|------------------|
| CHAPTER NO 22 : Direction Sense. | CHAPTER NO 23 : Cubes And Dice .               |            |                  |
| CHAPTER NO 24 : Data Analysis .  |  |            |                  |
| 1 <sup>ST</sup> WEEK             | <b>Direction Sense</b> : Page NO ( 103 – 108 ) |            |                  |
| 2 <sup>ND</sup> WEEK             | <b>Cubes And Dice</b> : Page NO ( 109 – 114 )  |            |                  |
| 3 <sup>RD</sup> WEEK             | <b>Data Analysis</b> : Page NO ( 115 – 118)    |            |                  |
| 4 <sup>TH</sup> WEEK             | Worksheets.                                    |            |                  |

## NOVEMBER

| CHAPTERS / TOPICS    |                               | WEIGHT-AGE | TEACHING PERIODS |
|----------------------|-------------------------------|------------|------------------|
| 1 <sup>ST</sup> WEEK | <b>REVISION</b>               |            |                  |
| 2 <sup>ND</sup> WEEK | <b>REVISION</b>               |            |                  |
| 3 <sup>RD</sup> WEEK | <b>FINAL TERM EXAMINATION</b> |            |                  |
| 4 <sup>TH</sup> WEEK | <b>FINAL TERM EXAMINATION</b> |            |                  |

## DECEMBER

| CHAPTERS / TOPICS    |  | WEIGHT-AGE | TEACHING PERIODS |
|----------------------|--|------------|------------------|
| 1 <sup>ST</sup> WEEK |  |            |                  |
| 2 <sup>ND</sup> WEEK |  |            |                  |
| 3 <sup>RD</sup> WEEK |  |            |                  |
| 4 <sup>TH</sup> WEEK |  |            |                  |

### MARCH

| CHAPTERS / TOPICS               |   | WEIGHT-AGE | TEACHING PERIODS |
|---------------------------------|---|------------|------------------|
| CHAPTER NO 1 : Rational Numbers | CHAPTER NO 2 : Real Numbers   |            |                  |
| 1 <sup>ST</sup> WEEK            | <b>Rational Numbers:</b> Rational Numbers, Equivalent Rational Numbers, Comparison Of Rational Numbers.   |            |                  |
| 2 <sup>ND</sup> WEEK            | Addition & Subtraction Of Rational Numbers, Distributive Property Over Addition & Subtraction.  |            |                  |
| 3 <sup>RD</sup> WEEK            | <b>Real Numbers :</b> Irrational Numbers , Properties Of Irrational Numbers ,   |            |                  |
| 4 <sup>TH</sup> WEEK            | <p>Real Numbers, Properties Of Real Numbers.</p> <p><b>Activity :</b> 1) Rational Number Cards Sorting : Students will learn to:</p> <ul style="list-style-type: none"> <li>• identify rational numbers (positive, negative, zero),</li> <li>• classify rational numbers as fractions, integers, decimals,</li> <li>• compare and order rational numbers,</li> <li>• understand placement on a number line,</li> <li>• enhance logical reasoning and observation.</li> </ul> <p>2) Real Numbers – Square Root Spiral: Students will learn to:</p> <ul style="list-style-type: none"> <li>• calculate square roots of perfect and non-perfect squares,</li> <li>• visualize numbers on a spiral or number pattern,</li> <li>• understand the relationship between squares and square roots,</li> <li>• differentiate rational and irrational numbers.</li> </ul> |            |                  |

### APRIL

| CHAPTERS / TOPICS                            |  | WEIGHT-AGE | TEACHING PERIODS |
|--|--|------------|------------------|
| CHAPTER NO 13 : Understanding Quadrilaterals | CHAPTER NO 16 : Area Of Polygons   |            |                  |
| 1 <sup>ST</sup> WEEK                         | <b>Understanding Quadrilaterals:</b> Polygons, Quadrilaterals, Types Of Quadrilaterals.    |            |                  |
| 2 <sup>ND</sup> WEEK                         | <b>Area Of Polygons :</b> Introduction ,Area Of An Equilateral Triangle , Area Of Polygons |            |                  |
| 3 <sup>RD</sup> WEEK                         | <b>REVISION</b>  |            |                  |
| 4 <sup>TH</sup> WEEK                         | <b>PRE MID TERM EXAMINATION</b>  |            |                  |

### MAY

| CHAPTERS / TOPICS                        |   | WEIGHT-AGE | TEACHING PERIODS |
|--|---|------------|------------------|
| CHAPTER NO 3 : Square And Square Roots . | CHAPTER NO 4 : Cubes And Cubes Roots  |            |                  |
| 1 <sup>ST</sup> WEEK                     | <b>Square And Square Roots:</b> Square Of a Number, Properties Of Square Numbers, Square Roots.   |            |                  |
| 2 <sup>ND</sup> WEEK                     | Finding Square Root By Division Method, Square Root Of Rational Numbers.  |            |                  |
| 3 <sup>RD</sup> WEEK                     | <b>Cube And Cubes Roots:</b> Perfect Cubes, Prime Factorization Of Perfect Cubes.   |            |                  |
| 4 <sup>TH</sup> WEEK                     | <p>Cube Roots, Estimation.</p> <p><b>Activity :</b> 1) Square Numbers Pattern : Students will learn to:</p> <ul style="list-style-type: none"> <li>• identify square numbers,</li> <li>• explore patterns in odd/even numbers,</li> <li>• visualize numbers using dot or tile arrangements,</li> <li>• understand relationship between consecutive squares.</li> </ul> <p>2) 3D Cube Building With Cubes: Students will learn to:</p> <ul style="list-style-type: none"> <li>• construct 3D cubes and cuboids using unit cubes,</li> <li>• understand volume and surface area,</li> <li>• explore layers and arrangements,</li> <li>• develop spatial and logical thinking</li> </ul> |            |                  |

### JUNE

| CHAPTERS / TOPICS  |   | WEIGHT-AGE | TEACHING PERIODS |
|--|---|------------|------------------|
| CHAPTER NO 15: Similar Triangles.<br>CHAPTER NO 14 : Representing Solids On Paper ( Lab Activity ) |   |            |                  |
| 1 <sup>ST</sup> WEEK   | <b>Similar Triangles:</b> Similarity Of Triangles, Criteria For Similarity Triangles. |            |                  |
| 2 <sup>ND</sup> WEEK   | <b>REVISION</b>   |            |                  |
| 3 <sup>RD</sup> WEEK   | <b>MID TERM EXAMINATION</b>   |            |                  |
| 4 <sup>TH</sup> WEEK   | <b>MID TERM EXAMINATION</b>   |            |                  |

## JULY

| CHAPTERS / TOPICS   |  | WEIGHT-AGE | TEACHING PERIODS |
|---|--|------------|------------------|
| CHAPTER NO 2: Exponents.<br>CHAPTER NO 7: Algebraic Expressions And Identities. |  |            |                  |
| 1 <sup>ST</sup> WEEK  | <b>Exponents:</b> Exponents, Laws Of Exponents, Standard Form.   |            |                  |
| 2 <sup>ND</sup> WEEK  | <b>Algebraic Expression And Identities:</b> Algebraic Expressions, Polynomials, Types Of Polynomial. Addition & Subtraction Of Polynomials ( Summer Break Work ) |            |                  |
| 3 <sup>RD</sup> WEEK  | <b>SUMMER BREAK</b>  |            |                  |
| 4 <sup>TH</sup> WEEK  | <b>SUMMER BREAK</b>  |            |                  |

## AUGUST

| CHAPTERS / TOPICS  |   | WEIGHT-AGE | TEACHING PERIODS |
|--|---|------------|------------------|
| CHAPTER NO 7 : Algebraic Expression And Identities ( Continued )<br>CHAPTER NO 8 : Factorization . |   |            |                  |
| 1 <sup>ST</sup> WEEK   | <b>Algebraic Expressions And Identities (Continued).</b> Multiplication Of Polynomials ,Division Of Polynomials |            |                  |
| 2 <sup>ND</sup> WEEK   | Identities, Graphical Representation Of Identities.   |            |                  |
| 3 <sup>RD</sup> WEEK   | <b>Factorization :</b> Factorization Of Algebraic Expressions,  |            |                  |
| 4 <sup>TH</sup> WEEK   | Factorization Of Quadratic Trinomials.<br><b>Activity:</b> Algebraic tiles, Algebraic Representation.           |            |                  |

## SEPTEMBER

| CHAPTERS / TOPICS   |  | WEIGHT-AGE | TEACHING PERIODS |
|---|--|------------|------------------|
| CHAPTER NO 9 : Linear Equations In One Variable .<br>CHAPTER NO 6 : Playing With Numbers ( Self Study ) |  |            |                  |
| 1 <sup>ST</sup> WEEK  | <b>Linear Equation In One Variable:</b> Solving A Linear Equation, Application Of Linear Equation. |            |                  |
| 2 <sup>ND</sup> WEEK  | More Applications Of Linear Equations  |            |                  |
| 3 <sup>RD</sup> WEEK  | <b>REVISION</b>  |            |                  |
| 4 <sup>TH</sup> WEEK  | <b>POST MID TERM EXAMINATION</b>   |            |                  |

## OCTOBER

| CHAPTERS / TOPICS  |  | WEIGHT-AGE | TEACHING PERIODS |
|--|--|------------|------------------|
| CHAPTER NO 10 & 11 (Compile Of Applications Of Percentage And Simple Interest.<br>CHAPTER NO 12 : Direct And Inverse Variations<br>CHAPTER NO 17 : Surface Area And Volume : |  |            |                  |
| 1 <sup>ST</sup> WEEK   | <b>Applications Of Percentage And Simple Interest:</b> Profit And Loss, Discount, Tax.   |            |                  |
| 2 <sup>ND</sup> WEEK   | Simple Interest, Compound Interest, Formula For Compound Interest.<br><b>Direct And Variations:</b> Ratio And Proportion, Inverse Variation. |            |                  |
| 3 <sup>RD</sup> WEEK   | <b>Surface Area And Volume :</b> Surface Area , Volume Of Cuboids And Cubes,   |            |                  |
| 4 <sup>TH</sup> WEEK   | Cylinders, Curved Surface Areas.   |            |                  |

## NOVEMBER

| CHAPTERS / TOPICS | WEIGHT-AGE | TEACHING PERIODS |
|-------------------|------------|------------------|
|                   |            |                  |

|                      |                               |  |
|----------------------|-------------------------------|--|
|                      |                               |  |
| 1 <sup>ST</sup> WEEK | REVISION                      |  |
| 2 <sup>ND</sup> WEEK | REVISION                      |  |
| 3 <sup>RD</sup> WEEK | <b>FINAL TERM EXAMINATION</b> |  |
| 4 <sup>TH</sup> WEEK | <b>FINAL TERM EXAMINATION</b> |  |

### DECEMBER

| CHAPTERS / TOPICS    | WEIGHT-AGE | TEACHING PERIODS |
|----------------------|------------|------------------|
|                      |            |                  |
| 1 <sup>ST</sup> WEEK |            |                  |
| 2 <sup>ND</sup> WEEK |            |                  |
| 3 <sup>RD</sup> WEEK |            |                  |
| 4 <sup>TH</sup> WEEK |            |                  |

## MARCH

| CHAPTERS / TOPICS    |   | WEIGHT-AGE | TEACHING PERIODS |
|----------------------|---|------------|------------------|
| اسباق۔               |   |            |                  |
| 1 <sup>ST</sup> WEEK | سبق نمبر ۱۔ حمد۔ کلمہ اور اس کی قسمیں۔                  |            |                  |
| 2 <sup>ND</sup> WEEK | سبق نمبر ۲۔ دو گز زمین۔                                 |            |                  |
| 3 <sup>RD</sup> WEEK | اسم کی قسمیں۔ مضامین                                    |            |                  |
| 4 <sup>TH</sup> WEEK | اسم معرفہ کی قسمیں، مترادفات، مضاد۔ سابقے و لاحقے، غزل۔ |            |                  |

## APRIL

| CHAPTERS / TOPICS    |   | WEIGHT-AGE | TEACHING PERIODS |
|----------------------|---|------------|------------------|
| اسباق۔               |   |            |                  |
| 1 <sup>ST</sup> WEEK | سبق نمبر ۳۔ با بھارتی اور ڈاکو۔<br>اقسام۔ اسم علم |            |                  |
| 2 <sup>ND</sup> WEEK | اسم نکرہ کی قسمیں، خطوط، درخواست۔ محاورات، قصیدہ  |            |                  |
| 3 <sup>RD</sup> WEEK | اسم ذات اور اس کی قسمیں، تخلیقی عمل، اعادہ۔       |            |                  |
| 4 <sup>TH</sup> WEEK | <b>PRE MID TERM EXAMINATION</b>                   |            |                  |

## MAY

| CHAPTERS / TOPICS    |   | WEIGHT-AGE | TEACHING PERIODS |
|----------------------|---|------------|------------------|
| اسباق۔               |   |            |                  |
| 1 <sup>ST</sup> WEEK | سبق نمبر ۴۔ شام۔  |            |                  |
| 2 <sup>ND</sup> WEEK | سبق نمبر ۵۔ تاج محل، تخلیقی عمل، داستان،                |            |                  |
| 3 <sup>RD</sup> WEEK | اسم مصدر اور اس کی قسمیں، محاورات، واحد جمع، جمع الجمع، |            |                  |
| 4 <sup>TH</sup> WEEK | سبق نمبر ۶۔ بورڈ ہا مالی۔ سبق نمبر ۷۔ کرکٹ میچ۔         |            |                  |

## JUNE

| CHAPTERS / TOPICS    |  | WEIGHT-AGE | TEACHING PERIODS |
|----------------------|--|------------|------------------|
| اسباق۔               |  |            |                  |
| 1 <sup>ST</sup> WEEK | سبق نمبر ۸۔ ابو خان کی بکری۔ تجزیہ صنف ناول۔<br>تخلیقی تجزیہ * املا کی درستگی۔ * ماذل ٹسٹ پپر۔۱۔ |            |                  |
| 2 <sup>ND</sup> WEEK | <b>REVISION</b>  |            |                  |
| 3 <sup>RD</sup> WEEK | <b>MID TERM EXAMINATION</b>  |            |                  |
| 4 <sup>TH</sup> WEEK | <b>MID TERM EXAMINATION</b>  |            |                  |

## JULY

| CHAPTERS / TOPICS    |   | WEIGHT-AGE | TEACHING PERIODS |
|----------------------|---|------------|------------------|
| اسباق۔               |   |            |                  |
| 1 <sup>ST</sup> WEEK | سبق نمبر ۹۔) چھٹی کا دن۔<br>سبق نمبر ۱۰۔ سید فضل الحسن۔ (حضرت)  |            |                  |
| 2 <sup>ND</sup> WEEK | سبق نمبر ۱۱۔ بمدردی، عملی کام، اقسام۔ افعال، تجزیہ اسباق۔ مثنوی |            |                  |
| 3 <sup>RD</sup> WEEK | <b>SUMMER BREAK</b>   |            |                  |
| 4 <sup>TH</sup> WEEK | <b>SUMMER BREAK</b>   |            |                  |

## AUGUST

| CHAPTERS / TOPICS    |   | WEIGHT-AGE | TEACHING PERIODS |
|----------------------|---|------------|------------------|
| اسباق                |   |            |                  |
| 1 <sup>ST</sup> WEEK | سبق نمبر ۱۲۔ بچپن کی یاد۔<br>گنتی کے لحاظ سے اسم کی قسمیں |            |                  |

|                      |  |
|----------------------|--|
| 2 <sup>ND</sup> WEEK | ترکیب نحوی، اقسام حروف ، اقسام ضمائر                 |
| 3 <sup>RD</sup> WEEK | مضامین، خطوط ، مترادفات، متضاد، محاورات، سابق و لاحق |
| 4 <sup>TH</sup> WEEK | تخلیقی و تکنیکی جائزہ۔ رباعی۔                        |

## SEPTEMBER

| CHAPTERS / TOPICS    |  | WEIGHT-AGE | TEACHING PERIODS |
|----------------------|--|------------|------------------|
| اسباق                |  |            |                  |
| 1 <sup>st</sup> WEEK | سبق نمبر۔ ۱۴۔ ترانہ بندی۔ ، اسماء الضمائر و اقسام۔ |            |                  |
| 2 <sup>ND</sup> WEEK | اسموں کی تذکیروتائیٹ ، قطعہ                        |            |                  |
| 3 <sup>RD</sup> WEEK | اقسام جملہ۔ مرکب اور اقسام مرکب ، تخلیقی مشق۔      |            |                  |
| 4 <sup>TH</sup> WEEK | <b>POST MID TERM EXAMINATION</b>                   |            |                  |

## OCTOBER

| CHAPTERS / TOPICS    |  | WEIGHT-AGE | TEACHING PERIODS |
|----------------------|--|------------|------------------|
| اسباق                |  |            |                  |
| 1 <sup>st</sup> WEEK | سبق نمبر۔ ۱۵۔ الٹی ہو گئیں سب تدبیریں۔                       |            |                  |
| 2 <sup>ND</sup> WEEK | رباعی۔ مترفقات بہ متشابہات۔                                  |            |                  |
| 3 <sup>RD</sup> WEEK | عملی کام۔ ( تخلیقی عمل) تعریف صفت و اقسام۔ صفات۔ اصناف۔ نظم۔ |            |                  |
| 4 <sup>TH</sup> WEEK | تصحیح۔ جملہ، تجزیہ، مائل ٹیسٹ پپر۔ ۲۔                        |            |                  |

## NOVEMBER

| CHAPTERS / TOPICS    |                               | WEIGHT-AGE | TEACHING PERIODS |
|----------------------|-------------------------------|------------|------------------|
| 1 <sup>ST</sup> WEEK | <b>REVISION</b>               |            |                  |
| 2 <sup>ND</sup> WEEK | <b>REVISION</b>               |            |                  |
| 3 <sup>RD</sup> WEEK | <b>FINAL TERM EXAMINATION</b> |            |                  |
| 4 <sup>TH</sup> WEEK | <b>FINAL TERM EXAMINATION</b> |            |                  |

## DECEMBER

| CHAPTERS / TOPICS    |  | WEIGHT-AGE | TEACHING PERIODS |
|----------------------|--|------------|------------------|
| 1 <sup>ST</sup> WEEK |  |            |                  |
| 2 <sup>ND</sup> WEEK |  |            |                  |
| 3 <sup>RD</sup> WEEK |  |            |                  |
| 4 <sup>TH</sup> WEEK |  |            |                  |

**MARCH**

| CHAPTERS / TOPICS    |  | WEIGHT-AGE | TEACHING PERIODS |
|----------------------|--|------------|------------------|
| <b>الدرس الاول</b>   |  |            |                  |
| 1 <sup>ST</sup> WEEK | اسم اور اس کی قسمیں                              |            |                  |
| 2 <sup>ND</sup> WEEK | اشر الى الكلمات الآتية باسم إشارة البعيد ذلك تلك |            |                  |
| 3 <sup>RD</sup> WEEK | وضو کا طریقہ                                     |            |                  |
| 4 <sup>TH</sup> WEEK | وضو کے فرائض اور سننیں                           |            |                  |

**APRIL**

| CHAPTERS / TOPICS    |   | WEIGHT-AGE | TEACHING PERIODS |
|----------------------|---|------------|------------------|
| <b>الدرس الثاني</b>  |   |            |                  |
| 1 <sup>ST</sup> WEEK | اعداد اور اعداد کے اعتبار سے اسم کی قسمیں |            |                  |
| 2 <sup>ND</sup> WEEK | حول المبدأ في كل من الجمل الآتية إلى جمع  |            |                  |
| 3 <sup>RD</sup> WEEK | Revision                                  |            |                  |
| 4 <sup>TH</sup> WEEK | <b>PRE MID TERM EXAMINATION</b>           |            |                  |

**MAY**

| CHAPTERS / TOPICS    |                      | WEIGHT-AGE | TEACHING PERIODS |
|----------------------|----------------------|------------|------------------|
| <b>الدرس الثالث</b>  |                      |            |                  |
| 1 <sup>ST</sup> WEEK | ضمیر اور اس کی قسمیں |            |                  |
| 2 <sup>ND</sup> WEEK | الجملة المثالية      |            |                  |
| 3 <sup>RD</sup> WEEK | مبتدأ خبر            |            |                  |
| 4 <sup>TH</sup> WEEK | پہلے تین کلمے        |            |                  |

**JUNE**

| CHAPTERS / TOPICS    |                             | WEIGHT-AGE | TEACHING PERIODS |
|----------------------|-----------------------------|------------|------------------|
| <b>الدرس الرابع</b>  |                             |            |                  |
| 1 <sup>ST</sup> WEEK | أسماء الموصوله              |            |                  |
| 2 <sup>ND</sup> WEEK | REVISION                    |            |                  |
| 3 <sup>RD</sup> WEEK | <b>MID TERM EXAMINATION</b> |            |                  |
| 4 <sup>TH</sup> WEEK | <b>MID TERM EXAMINATION</b> |            |                  |

**JULY**

| CHAPTERS / TOPICS    |  | WEIGHT-AGE | TEACHING PERIODS |
|----------------------|--|------------|------------------|
| <b>الدرس الرابع</b>  |  |            |                  |
| 1 <sup>ST</sup> WEEK | Translation Urdu/English sentence into Arabic. |            |                  |
| 2 <sup>ND</sup> WEEK | السورة الفاتحة، الناس ، الفلق ، الاخلاص        |            |                  |
| 3 <sup>RD</sup> WEEK | <b>SUMMER BREAK</b>                            |            |                  |
| 4 <sup>TH</sup> WEEK | <b>SUMMER BREAK</b>                            |            |                  |

**AUGUST**

| CHAPTERS / TOPICS    |                        | WEIGHT-AGE | TEACHING PERIODS |
|----------------------|------------------------|------------|------------------|
| <b>الدرس الخامس</b>  |                        |            |                  |
| 1 <sup>ST</sup> WEEK | أسماء اشار             |            |                  |
| 2 <sup>ND</sup> WEEK | الجملة المثالية        |            |                  |
| 3 <sup>RD</sup> WEEK | غسل کا طریقہ           |            |                  |
| 4 <sup>TH</sup> WEEK | غسل کے فرائض اور سننیں |            |                  |

**SEPTEMBER**

| CHAPTERS / TOPICS     |                                  | WEIGHT-AGE | TEACHING PERIODS |
|-----------------------|----------------------------------|------------|------------------|
| <b>الدرس السادس .</b> |                                  |            |                  |
| 1 <sup>st</sup> WEEK  | ضمير استفهام مع امثلة            |            |                  |
| 2 <sup>ND</sup> WEEK  | السورة لھب ، نصر ، کافرون ، کوثر |            |                  |
| 3 <sup>RD</sup> WEEK  | Revision                         |            |                  |
| 4 <sup>TH</sup> WEEK  | <b>POST MID TERM EXAMINATION</b> |            |                  |

**OCTOBER**

| CHAPTERS / TOPICS    |  | WEIGHT-AGE | TEACHING PERIODS |
|----------------------|--|------------|------------------|
| <b>الدرس السابع</b>  |  |            |                  |
| 1 <sup>st</sup> WEEK | اسم ذات مع الجملة المثلية  |            |                  |
| 2 <sup>ND</sup> WEEK | Translation Urdu/ English sentences into Arabic .                                      |            |                  |
| 3 <sup>RD</sup> WEEK | Dua before and after sleeping, dua before enter into washroom and exit after washroom. |            |                  |
| 4 <sup>TH</sup> WEEK | Dua before and after eating, dua before enter into mosque and exit after mosque.       |            |                  |

**NOVEMBER**

| CHAPTERS / TOPICS    |                               | WEIGHT-AGE | TEACHING PERIODS |
|----------------------|-------------------------------|------------|------------------|
|                      |                               |            |                  |
| 1 <sup>ST</sup> WEEK | <b>REVISION</b>               |            |                  |
| 2 <sup>ND</sup> WEEK | <b>REVISION</b>               |            |                  |
| 3 <sup>RD</sup> WEEK | <b>FINAL TERM EXAMINATION</b> |            |                  |
| 4 <sup>TH</sup> WEEK | <b>FINAL TERM EXAMINATION</b> |            |                  |

**DECEMBER**

| CHAPTERS / TOPICS    |  | WEIGHT-AGE | TEACHING PERIODS |
|----------------------|--|------------|------------------|
|                      |  |            |                  |
| 1 <sup>ST</sup> WEEK |  |            |                  |
| 2 <sup>ND</sup> WEEK |  |            |                  |
| 3 <sup>RD</sup> WEEK |  |            |                  |
| 4 <sup>TH</sup> WEEK |  |            |                  |

## Subject: Kashmiri

### MARCH

| TOPICS / CHAPTERS    |                                       | WEIGHT-AGE | TEACHING PERIODS |
|----------------------|---------------------------------------|------------|------------------|
| سبق نمبر ۰۳ عته      |                                       |            |                  |
| 1 <sup>ST</sup> WEEK | سبق نمبر ۰۲ ، آواز عته آواز نشانه *** |            |                  |
| 2 <sup>ND</sup> WEEK | آواز عته آواز نشانه                   |            |                  |
| 3 <sup>RD</sup> WEEK | سبق نمبر ۰۳ ، دعا عته مشق             |            |                  |
| 4 <sup>TH</sup> WEEK | ناؤت عته اشار ناؤت : گرامر            |            |                  |

### APRIL

| TOPICS / CHAPTERS    |  | WEIGHT-AGE | TEACHING PERIODS |
|----------------------|--|------------|------------------|
| سبق نمبر ۰۴          |  |            |                  |
| 1 <sup>ST</sup> WEEK | سبق نمبر ۰۴ ، دید رانی   |            |                  |
| 2 <sup>ND</sup> WEEK | مشق سوال عته جواب لفظ عته معنی بیبه محاور<br>ناؤتی نر ناؤتی عته ماد ناؤتی عته اکھہ مختص نوٹ تواریخی گردارس متعلق * |            |                  |
| 3 <sup>RD</sup> WEEK | REVISION   |            |                  |
| 4 <sup>TH</sup> WEEK | PRE MID TERM EXAMINATION   |            |                  |

### MAY

| TOPICS / CHAPTERS    |   | WEIGHT-AGE | TEACHING PERIODS |
|----------------------|---|------------|------------------|
| سبق نمبر ۰۵          |   |            |                  |
| 1 <sup>ST</sup> WEEK | سبق نمبر ۰۵ ، اولوڈگی                                     |            |                  |
| 2 <sup>ND</sup> WEEK | مشق سوال عته جواب لفظ عته معنی عته متضاد لفظ ***          |            |                  |
| 3 <sup>RD</sup> WEEK | کراوت عته کراوتین عہنی دور بندی عته مضمون اولوڈگی متعلق * |            |                  |
| 4 <sup>TH</sup> WEEK | لفظ جملن منز استعمال کرنی                                 |            |                  |

### JUNE

| TOPICS / CHAPTERS    |   | WEIGHT-AGE | TEACHING PERIODS |
|----------------------|---|------------|------------------|
| سبق نمبر ۱۱          |   |            |                  |
| 1 <sup>ST</sup> WEEK | سبق نمبر ۱۱ ، مان سر ***  |            |                  |
| 2 <sup>ND</sup> WEEK | مشق سوال عته جواب ، لفظ عته معنی، متضاد لفظ عته گرامر ۰۰۰۰۰ باوت عته قسم ** |            |                  |
| 3 <sup>RD</sup> WEEK | MID TERM EXAMINATION  |            |                  |
| 4 <sup>TH</sup> WEEK | MID TERM EXAMINATION  |            |                  |

### JULY

| TOPICS / CHAPTERS    |  | WEIGHT-AGE | TEACHING PERIODS |
|----------------------|--|------------|------------------|
| سبق نمبر ۰۶          |  |            |                  |
| 1 <sup>ST</sup> WEEK | سبق نمبر ۰۶ ، ان پوشہ تیله بیله ون پوشہ ***  |            |                  |
| 2 <sup>ND</sup> WEEK | مشق سوال عته جواب لفظ عته معنی دو پ عته گرامر ۰۰۰۰۰ اشار ناؤتین عہنی قسم مضمون ماحول ته الودگی |            |                  |
| 3 <sup>RD</sup> WEEK | SUMMER VACATION  |            |                  |
| 4 <sup>TH</sup> WEEK | SUMMER VACATION  |            |                  |

### AUGUST

| TOPICS / CHAPTERS    |                                    | WEIGHT-AGE | TEACHING PERIODS |
|----------------------|------------------------------------|------------|------------------|
| سبق نمبر ۰۷ عته      |                                    |            |                  |
| 1 <sup>ST</sup> WEEK | سبق نمبر ۰۷ ، رافت نظم عته مشق *** |            |                  |
| 2 <sup>ND</sup> WEEK | لفظ جملہ عته محاورہ بناؤنی *       |            |                  |
| 3 <sup>RD</sup> WEEK | سبق نمبر ۰۹ ، ریڑ کراس سوسائٹی     |            |                  |

## SEPTEMBER

| TOPICS / CHAPTERS    |  | WEIGHT-AGE | TEACHING PERIODS |
|----------------------|--|------------|------------------|
| سبق نمبر ۱۳          |  |            |                  |
| 1 <sup>ST</sup> WEEK | سبق نمبر ۱۳ ، نستء پُپھج                                 |            |                  |
| 2 <sup>ND</sup> WEEK | مشق ۰۰۰۰ سوال عته جواب ، لفظ عته معنی ، محاور عته جمله * |            |                  |
| 3 <sup>RD</sup> WEEK | <b>REVISION</b>  |            |                  |
| 4 <sup>TH</sup> WEEK | <b>POST MID TERM EXAMINATION</b>                         |            |                  |

## OCTOBER

| TOPICS / CHAPTERS         |   | WEIGHT-AGE | TEACHING PERIODS |
|---------------------------|---|------------|------------------|
| سبق نمبر ۱۷ ، ۱۵ ، ۱۰ عته |   |            |                  |
| 1 <sup>ST</sup> WEEK      | سبق نمبر ۱۰ ، ۰۰۰۰۰ ریبیه افسانه عته مشق ، افسانه نگارس متعلق نوٹ                       |            |                  |
| 2 <sup>ND</sup> WEEK      | سبق نمبر ۱۵ ، ۰۰۰۰۰ یتھ ریش وار ویستا رأ چھ **  |            |                  |
| 3 <sup>RD</sup> WEEK      | مشق — سوال عته جواب ، لفظ عته معنی بیبیه شُرکی  |            |                  |
| 4 <sup>TH</sup> WEEK      | میون گام عته نشاط و غار و غار ، گرامر ۰۰۰۰۰ کراوٹ کراوٹ عته کرووٹ ، سبق نمبر ۱۷ : مضمون |            |                  |

## NOVEMBER

| TOPICS / CHAPTERS    |  | WEIGHT-AGE | TEACHING PERIODS |
|----------------------|--|------------|------------------|
| سبق نمبر ۱۶          |  |            |                  |
| 1 <sup>ST</sup> WEEK | سبق نمبر ۱۶ ، ہوائی جہاز   |            |                  |
| 2 <sup>ND</sup> WEEK | درخاس سیر و تقریح کرنے باپتھ پرنسپل صابنہ ناوے عته مشق سبق نمبر ، ۱۶ + |            |                  |
| 3 <sup>RD</sup> WEEK | <b>FINAL TERM EXAMINATION</b>  |            |                  |
| 4 <sup>TH</sup> WEEK | <b>FINAL TERM EXAMINATION</b>  |            |                  |

## DECEMBER

| TOPICS / CHAPTERS    |  | WEIGHT-AGE | TEACHING PERIODS |
|----------------------|--|------------|------------------|
|                      |  |            |                  |
| 1 <sup>ST</sup> WEEK |  |            |                  |
| 2 <sup>ND</sup> WEEK |  |            |                  |
| 3 <sup>RD</sup> WEEK |  |            |                  |
| 4 <sup>TH</sup> WEEK |  |            |                  |

## HINDI OPTIONAL

### MARCH

| CHAPTERS / TOPICS                  |            | WEIGHT-AGE | TEACHING PERIODS |
|------------------------------------|------------|------------|------------------|
| <b>स्वर<br/>मात्राएँ<br/>व्यजन</b> |            |            |                  |
| 1 <sup>st</sup> WEEK               | अ से अः तक |            |                  |
| 2 <sup>nd</sup> WEEK               | क से ण तक  |            |                  |
| 3 <sup>rd</sup> WEEK               | त से व तक  |            |                  |
| 4 <sup>th</sup> WEEK               | श से झ तक  |            |                  |
|                                    |            |            |                  |

### APRIL

| CHAPTERS / TOPICS                                |   | WEIGHT-AGE | TEACHING PERIODS |
|--|---|------------|------------------|
| <b>दो, तीन, चार, पाँच अक्षरो वाले शब्द लिखिए</b> |   |            |                  |
| 1 <sup>ST</sup> WEEK                             | दो अक्षरो वाले शब्द लिखिए                               |            |                  |
| 2 <sup>ND</sup> WEEK                             | तीन अक्षरो वाले शब्द लिखिए                              |            |                  |
| 3 <sup>RD</sup> WEEK                             | चार अक्षरो वाले शब्द लिखिए, पाँच अक्षरो वाले शब्द लिखिए |            |                  |
| 4 <sup>TH</sup> WEEK                             | Pre Mid Term Examination                                |            |                  |
|  |   |            |                  |

**MAY**

| CHAPTERS / TOPICS    |                      | WEIGHT-AGE | TEACHING PERIODS |
|----------------------|----------------------|------------|------------------|
| <b>मात्राएँ</b>      |                      |            |                  |
| 1 <sup>ST</sup> WEEK | आ, इ, ई, की मात्राएँ |            |                  |
| 2 <sup>ND</sup> WEEK | उ, ऊ, ए की मात्राएँ  |            |                  |
| 3 <sup>RD</sup> WEEK | ऐ, ओ, औ की मात्राएँ  |            |                  |
| 4 <sup>TH</sup> WEEK | लिखने की प्रतियोगिता |            |                  |
|                      |                      |            |                  |

**JUNE**

| CHAPTERS / TOPICS                       |                          | WEIGHT-AGE | TEACHING PERIODS |
|---|--------------------------|------------|------------------|
| <b>रंगों के नाम</b><br><b>नव प्रभात</b> |                          |            |                  |
| 1 <sup>ST</sup> WEEK                    | रंगों के नाम . नव प्रभात |            |                  |

|                      |                             |
|----------------------|-----------------------------|
| 2nd WEEK             | Revision                    |
| 3 <sup>RD</sup> WEEK | <b>MID TERM EXAMINATION</b> |
| 4 <sup>TH</sup> WEEK | <b>MID TERM EXAMINATION</b> |
|                      |                             |

**JULY**

| CHAPTERS / TOPICS  |  | WEIGHT-AGE | TEACHING PERIODS |
|--|--|------------|------------------|
| <b>त्योहारों का नाम</b><br><b>पशुओं का नाम</b><br><b>विभु काका</b> |  |            |                  |
| 1 <sup>ST</sup> WEEK   | त्योहारों का नाम                                 |            |                  |
| 2 <sup>ND</sup> WEEK   | विभु काका<br>शब्दार्थ, प्रश्नोत्तरी, भाषा अभ्यास |            |                  |
| 3 <sup>RD</sup> WEEK   | <b>SUMMER BREAK</b>                              |            |                  |
| 4 <sup>TH</sup> WEEK   | <b>SUMMER BREAK</b>                              |            |                  |
|  |  |            |                  |

| CHAPTERS / TOPICS                       |                                     | WEIGHT-AGE | TEACHING PERIODS |
|---|-------------------------------------|------------|------------------|
| <b>पक्षियों के नाम<br/>तीन गुड़ियाँ</b> |                                     |            |                  |
| 1 <sup>ST</sup> WEEK                    | पक्षियों के नाम                     |            |                  |
| 2 <sup>ND</sup> WEEK                    | तीन गुड़ियाँ                        |            |                  |
| 3 <sup>RD</sup> WEEK                    | शब्दार्थ, प्रश्नोत्तरी, भाषा अभ्यास |            |                  |
| 4 <sup>TH</sup> WEEK                    | लिखने के प्रतियोगिता                |            |                  |
|   |                                     |            |                  |

### AUGUST

### SEPTEMBER

| CHAPTERS / TOPICS    |                           | WEIGHT-AGE | TEACHING PERIODS |
|----------------------|---------------------------|------------|------------------|
| <b>एलबम</b>          |                           |            |                  |
| 1 <sup>ST</sup> WEEK | एलबम                      |            |                  |
| 2 <sup>ND</sup> WEEK | शब्दार्थ, प्रश्नोत्तरी    |            |                  |
| 3 <sup>RD</sup> WEEK | भाषा अभ्यास               |            |                  |
| 4 <sup>TH</sup> WEEK | Post Mid Term Examination |            |                  |
|                      |                           |            |                  |

### OCTOBER

| CHAPTERS / TOPICS        |                                     | WEIGHT-AGE | TEACHING PERIODS |
|--------------------------|-------------------------------------|------------|------------------|
| <b>पलस्टिक से मुक्ति</b> |                                     |            |                  |
| 1 <sup>ST</sup> WEEK     | राजेन्द्र बाबू                      |            |                  |
| 2 <sup>ND</sup> WEEK     | शब्दार्थ, प्रश्नोत्तरी, भाषा अभ्यास |            |                  |
| 3 <sup>RD</sup> WEEK     | पढ़ने के प्रतियोगिता                |            |                  |
| 4 <sup>TH</sup> WEEK     | लघु कथा की प्रतियोगिता              |            |                  |
|                          |                                     |            |                  |

**NOVEMBER**

| CHAPTERS / TOPICS    |                               | WEIGHT-AGE | TEACHING PERIODS |
|----------------------|-------------------------------|------------|------------------|
|                      |                               |            |                  |
| 1 <sup>ST</sup> WEEK | Revision                      |            |                  |
| 2 <sup>ND</sup> WEEK | Revision                      |            |                  |
| 3 <sup>RD</sup> WEEK | <b>Final Term Examination</b> |            |                  |
| 4 <sup>TH</sup> WEEK | <b>Final Term Examination</b> |            |                  |
|                      |                               |            |                  |

**DECEMBER**

| CHAPTERS / TOPICS    |  | WEIGHT-AGE | TEACHING PERIODS |
|----------------------|--|------------|------------------|
|                      |  |            |                  |
| 1 <sup>ST</sup> WEEK |  |            |                  |
| 2 <sup>ND</sup> WEEK |  |            |                  |
| 3 <sup>RD</sup> WEEK |  |            |                  |
| 4 <sup>TH</sup> WEEK |  |            |                  |
|                      |  |            |                  |