Mathematics

Unit-I
Chapter- 1. Rational and Irrational Numbers
2. Compound Interest
3. Expansions
4. Factorization

Half-Yearly
Chapter- 5. Simultaneous Linear Equation
6. Problems on SLE
7. Quadratic Equations
8. Indices
9. Logarithms
10. Triangles

Unit-II
Chapter- 11. Mid Point Theorem
12. Pythagoras Theorem
13. Rectilinear Figures
14. Theorems on Area

Annual
Full Syllabus

Computer

Unit-I
Chapter 1 Introduction to object-oriented programming Concepts
Chapter 2 Elementary concept of Object and Classes
Chapter 3 Values and Data Types
Chapter 4 Operators and Expressions in Java

Half-Yearly
Chapter 1 Introduction to object-oriented programming Concepts
Chapter 2 Elementary concept of Object and Classes
Chapter 3 Values and Data Types
Chapter 4 Operators and Expressions in Java
Chapter 5 Classes and Methods (or Function)
Chapter 6 Input in Java (Scanner Class)
Chapter 7 Mathematical Library Methods

Unit-II
Chapter 7 Mathematical Library Methods
Chapter 8 Conditional Constructs in Java

Chapter 9- Iterative Constructs in Java (The Non-Nested Loops or Iteration)
Chapter 10- Nested Iteration in Java (The Nested For loop)
Chapter 11 Computing and Ethics.

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Physics

Unit-I
Chapter-1- Measurement and Experimentation
Chapter-2- Motion in one dimension
Chapter-3- Laws of Motion

Half-Yearly
Chapter-1- Measurement and Experimentation
Chapter-2- Motion in one dimension
Chapter-3- Laws of Motion
Chapter-4- Pressure in Fluid and Atmospheric Pressure
Chapter-5- Upthrust in Fluids, Archimedes Principal and Floatation

Unit-II
Chapter-6- Heat and Energy
Chapter-7- Reflection of Light
Chapter- 8- Propagation of Sound Wave

Annual
Chapter-9- Current Electricity
Chapter-10- Magnetism
+
Full Syllabus

History

Unit-I
Chapter-1-The Harappan Civilisation
2-The Vedic Period
3-Jainism and Buddhism
4-The Mauryan Empire

Half-Yearly
3-Jainism and Buddhism
4-The Mauryan Empire
5-The Sangam Age

6-The Age of Guptas
7-Medieval India- The Cholas

Unit-II
6-The Age of Guptas
7-Medieval India- The Cholas
8-Medieval India- The Delhi Sultanate
9-Medieval India- The Mughal Empire
10-Medieval India- Composite Culture

Annual
9-Medieval India- The Mughal Empire
10-Medieval India- Composite Culture
11-The Modern Age in Europe- Renaissance
12-The Modern Age in Europe- Reformation
13-The Modern Age in Europe- Industrial Revolution

Civics
Unit-I
Chapter-1-Our Constitution

Half-Yearly
Chapter-2- Salient Features of the Constitution-1
3. Salient Features of the Constitution-2

Unit-II
Chapter-4- Elections

Annual
5- Local Self Government-Rural
6- Local Self Government-Urban

Biology
Unit-I
Lesson-1. The Cell
Lesson-2. Tissues
Lesson-3. The Flower

Half-Yearly
Lesson 4. Pollination and Fertilisation
Lesson 5. Structure and Germination of Seed
Lesson 6. Respiration in Plants
Lesson 7. Diversity in Living Beings
Lesson. 8. Economic importance of Bacteria and Fungi
Lesson 9. Nutrition
Lesson-10. Nutrition in Animals

Unit-II
Lesson-11. Digestive system
Lesson-12. Movement and Locomotion
Lesson- 13. Skin

Annual
Lesson-1. The Cell
Lesson-2. Tissues
Lesson 6. Respiration in Plants
Lesson 9. Nutrition
Lesson-10. Nutrition in Animals
Lesson-11. Digestive system
Lesson -14. The Respiratory System
Lesson-15. Health and Hygiene
Lesson-16. Aids to Health
Lesson-17. Health Organisation
Lesson-18. Sources of Waste
Lesson-19. Waste Management

English Literature
First Unit Test
DRAMA: Julius Caesar - Act 1 Scene 1
PROSE (Short Stories):
1. Bonku Babu's Friend – Satyajit Ray
POETRY:
1. The Night Mail – W.H. Auden

First Term
DRAMA: Julius Caesar - Act 1
PROSE (Short Stories):
1. Bonku Babu's Friend – Satyajit Ray
2. Oliver Asks for More – Charles Dickens
3. The Model Millionaire – Oscar Wilde
POETRY:
1. The Night Mail – W.H. Auden
2. Skimbleshanks: The Railway Cat – T.S. Eliot
3. I Remember, I Remember – Thomas Hood

Second Unit Test
DRAMA: Julius Caesar - Act 2 Scene 1
PROSE (Short Stories):
4. Home-coming – Rabindranath Tagore
POETRY: 4. A Doctor's Journal Entry for August 6, 1945 – Vikram Seth

Second Term
DRAMA: Julius Caesar - Acts 1 & 2
PROSE (Short Stories):
1. Bonku Babu's Friend – Satyajit Ray

2. Oliver Asks for More – Charles Dickens

3. The Model Millionaire – Oscar Wilde

4. Home-coming – Rabindranath Tagore

5. The Boy who Broke the Bank – Ruskin Bond

POETRY:

1. A Work of Artifice – Marge Piercy

2. Skimbleshanks: The Railway Cat – T.S. Eliot

3. I Remember, I Remember – Thomas Hood

4. A Doctor's Journal Entry for August 6, 1945 – Vikram Seth

5. The Night Mail – W.H. Auden

Computer

Unit-I

Chapter 1 Introduction to object-oriented programming Concepts
Chapter 2 Elementary concept of Object and Classes
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Half-Yearly

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Unit-II

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Chapter 10- Nested Iteration in Java (The Nested For loop)
Chapter 11 Computing and Ethics.

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Geography

Unit-I

CHAPTER -1 Earth as a Planet
CHAPTER-2 Geographical Grid
CHAPTER-3 Rotation and Revolution
CHAPTER-4 Earth's structure

CHAPTER-5 Landforms of the Earth

Half-Yearly

CHAPTER -1 Earth as a Planet
CHAPTER-2 Geographical Grid
CHAPTER-6 Rocks
CHAPTER-7 Volcanoes
CHAPTER-8 Earthquakes
CHAPTER-9 Weathering
CHAPTER-10 Denudation

Unit-II

CHAPTER-11 Hydrosphere
CHAPTER-12 Composition and Structure of the Atmosphere
CHAPTER-13 Insolation
CHAPTER-14 Atmospheric Pressure and Winds
CHAPTER-15 Humidity

Annual

CHAPTER-12 Composition and Structure of the Atmosphere
CHAPTER-14 Atmospheric Pressure and Winds
CHAPTER-16 Pollution
CHAPTER-17 Sources of Pollution
CHAPTER-18 Effects of Pollutions
CHAPTER-19 Preventive Measures
CHAPTER-20 Natural regions of the World

Chemistry

Unit-I

Chapter 1- The language of chemistry
Chapter 2- Chemical changes and reactions

Half-Yearly

Chapter 2- Chemical changes and reactions
Chapter 3- Water
Chapter 4- Atomic structure and chemical bonding

Unit-II

Chapter 4- Atomic structure and chemical bonding
Chapter 5- The Periodic table

Annual

Chapter 5- The Periodic table
Chapter 6- Study of the first element hydrogen
Chapter 7- Study of the gas law
Chapter 8- Atmospheric Pollution

Hindi

Unit-I
साहित्य सागर
पाठ –1 बात अठन्नी
पाठ –2 काकी

एंकाकी संचय
पाठ –1 संस्कार और भावना

व्याकरण
संज्ञा, लिंग, भाववाचक संज्ञा, वचन, कारक।

Half-Yearly
पाठ –1 बात अठन्नी
पाठ –2 काकी
पाठ –3 महायज्ञ का पुरस्कार

एंकाकी संचय
पाठ –1 संस्कार और भावना
पाठ –2 बहु की विदा

व्याकरण
सर्वनाम, विशेषण, क्रिया, क्रिया विशेषण, पर्यायवाची शब्द
तत्सम और तद्भव शब्द विपरीतार्थक शब्द।

Unit-II
पाठ –4 नेता जी का चश्मा
पाठ –5 अपना–अपना भाग्या

एंकाकी संचय
पाठ –3 मातृभूमि का मान

व्याकरण
अनेकार्थी उपसर्ग, प्रत्यय, पर्यायवाची लिंग, कारक,
तत्सम–तद्भव

Annual
पाठ –4 नेता जी का चश्मा
पाठ –5 अपना–अपना भाग्या
पाठ –6 बड़े घर की बेटी
पाठ –7 संदेह

एंकाकी संचय
पाठ –3 मातृभूमि का मान
पाठ –4 सूखी डाली

व्याकरण
अनेकार्थी शब्द, एकार्थक शब्द, अनेक
शब्दों के लिए एक शब्द उपसर्ग, प्रत्यय।

Value Education

Half-Yearly
CHAPTER-1 Influence of friends
CHAPTER-2 Study Effectively

CHAPTER-3 Living Intelligently
CHAPTER-4 Everyone is Unique
CHAPTER-5 Equal Status to women
CHAPTER-6 Silent Messages

Annual
CHAPTER-7 See the Brighter Side
CHAPTER-8 Self Protection
CHAPTER-9 Accepting the failure
CHAPTER-10 A Mistaken belief
CHAPTER-11 Keep your Words
CHAPTER-12 Gems of India
CHAPTER-13 Global Icons

English Language

Unit-I
Transformation of sentence, Letters,
E-mail, Notice, Preposition and Subject- Verb
Agreement

Half-Yearly
Transformation of sentence, Letters,
E-mail, Notice, Preposition, Composition,
Comprehension

Unit-II
Transformation of sentence, Letters,
E-mail, Notice, Preposition, Verb Filling, Joining of
Sentences

Annual
Full Syllabus