

**St. THOMAS SCHOOL KIDWAI NAGAR KANPUR**

**CLASS - IX**

**YEARLY SYLLABUS 2023-24**

**Hindi**

**UNIT I**

साहित्य सागर- बात अठन्नी की, साखी,

व्याकरण - पत्र, विलोम, पर्याय, भाववाचक संज्ञा, सर्वनाम, तद्भव - तत्सम, विशेषण, लिंग, वचन, शुद्ध - अशुद्ध, मुहावरे, लोकोक्तियाँ, वाक्यांश के लिए एक शब्द, वाक्य परिवर्तन

**HALF YEARLY EXAMINATIONS**

साहित्य सागर (संक्षिप्त कहानियाँ)

बात अठन्नी की, काकी महायज्ञ का पुरस्कार, नेता जी का चश्मा, पद्य भाग

साखी, गिरिधर की कुंडलियाँ, स्वर्ग बना सकते हैं, वह जन्मभूमि मेरी,

व्याकरण

निबंध, पत्र, अपठित गद्यांश, तद्भव - तत्सम, लिंग, वचन, संज्ञा, सर्वनाम, विशेषण, विलोम, पर्याय, शुद्ध-अशुद्ध, वाक्यांश के लिए एक शब्द, वाक्य परिवर्तन

**UNIT II**

साहित्य सागर-संक्षिप्त कहानियाँ-बात अठन्नी की, काकी, महायज्ञ का पुरस्कार, नेताजी का चश्मा, बड़े घर की बेटी, पद्य भाग-साखी, गिरिधर की कुंडलियाँ, स्वर्ग बना सकते हैं, वह जन्मभूमि मेरी, मेघ आए।

व्याकरण- (Same as I Unit)

**FINAL EXAMINATIONS**

साहित्य सागर -संक्षिप्त कहानियाँ- बात अठन्नी की, काकी, नेता जी का चश्मा महायज्ञ का पुरस्कार, बड़े घर की बेटी, अपना-अपना भाग्य

पद्य भाग-साखी गिरिधर की कुंडलियाँ, स्वर्ग बना सकते हैं, वह जन्मभूमि मेरी, मेघ आए, सूर के पद

व्याकरण-(same as half yearly examination)

**COMPUTER**

**UNIT I**

Chapter 1: Introduction to object oriented programming concepts

Chapter 2: Elementary concepts of object and classes.

Chapter 3: Values, Data Types and errors.

**HALF YEARLY EXAMINATIONS**

Chapter 1: Introduction to object oriented programming concepts

Chapter 2: Elementary concepts of object and classes.

Chapter 3: Values, Data Types and errors.

Chapter 4: Operators and Expressions in Java

Chapter 5: Classes and Methods.

Chapter 6: Input in Java (Scanner Classes)

**UNIT II**

Chapter 5: Classes and Methods

Chapter 7: Mathematical Library Methods.

Chapter 8: Conditional constructs in Java.

## **FINAL EXAMINATIONS**

Chapter 7: Mathematical Library Methods.

Chapter 8: Conditional constructs in Java.

Chapter 9: Iterative Constructs in Java

Chapter 10: Nested Iteration In Java

Chapter 11: Computing and Ethics

Chapter 6: Input in Java (Scanner Classes)

\*\*\* 10 % Weightage of rest of Chapters.

## **GEOGRAPHY**

### **UNIT ICH 2 Latitudes and Longitudes**

CH-3 Rotation and Revolution

### **HALF YEARLY EXAMINATIONS**

CH-2 Latitudes and Longitude

CH- 3 Rotation and Revolution

CH-4 Earth's Structure

CH-5 Landforms of the Earth

CH-6 Rocks and Rock Cycle

CH-7 Volcanoes

CH- 8Earthquakes

CH-9 Weathering and Denudation

CH-10 Tides and Ocean Currents

CH-11 Composition and structure of the atmosphere

Map Work

- Water bodies
- Rivers
- Mountain
- Plateaus

### **UNIT II**

CH-12 Insolation

CH 13 Atmospheric Pressure and winds

### **FINAL EXAMINATIONS**

CH-2 Latitudes and Longitudes

CH-3 Rotation and Revolution

CH-4 Earth's Structure

CH- 5 Landforms of the Earth

CH-6 Rock and Rock Cycle

CH-7 Volcanoes

CH-8 Earthquakes

CH-9 Weathering and denudation

CH-10 Tides and ocean currents

CH-11 Composition and structure of the atmosphere

CH-12 Insolation

CH-13 Atmospheric pressure and winds

CH-14 Humidity

CH-15 Pollution: types and sources

CH-16 Effects of pollution

CH-17 Pollution preventive measures

CH-18 Natural Regions of the World

Map Work  
Water bodies  
River plains  
Mountain  
Plateau

## **HISTORY & CIVICS**

### **UNIT I**

Chapter 1 – The Harappan Civilisation (H)  
Chapter 2 – The Vedic Age (H)  
Chapter 13 – The Indian Constitution (C)

### **HALF YEARLY EXAMINATIONS**

Chapter 1 – The Harappan Civilisation (H)  
Chapter 2 – The Vedic Age (H)  
Chapter 3 – Jainism & Buddhism (H)  
Chapter 4 – Mauryas – The First Empire (H)  
Chapter 5 – The Sangam Age (H)  
Chapter 13 – The Indian Constitution (C)  
Chapter 14 – Salient Features of the Indian Constitution (C)  
Chapter 15 – Elections (C)

### **UNIT II**

Chapter 16 – Local Self Government (C)  
Chapter 6 – The Gupta Period (H)  
Chapter 7 – The Chola Empire (H)

### **FINAL EXAMINATIONS**

Chapter 1 – The Harappan Civilisation (H)  
Chapter 2 – The Vedic Age (H)  
Chapter 3 – Jainism & Buddhism (H)  
Chapter 4 – Mauryas – The First Empire (H)  
Chapter 5 – The Sangam Age (H)  
Chapter 6 – The Gupta Period (H)  
Chapter 7 – The Chola Empire (H)  
Chapter 8 – The Delhi Sultanate (H)  
Chapter 9 – The Mughal Empire (H)  
Chapter 10 – The Emergence of Composite Culture (H)  
Chapter 11 – Renaissance & Reformation (H)  
Chapter 12 – The Industrial Revolution (H)  
Chapter 13 – The Indian Constitution (C)  
Chapter 14 – Salient Features of the Indian Constitution (C)  
Chapter 15 – Elections (C)  
Chapter 16 – Local Self Government (C)

## **MATHS**

### **UNIT I**

Chapter 4 - Expansions  
Chapter 5 – Factorisation  
Chapter 2 - Compound interest without using formula

## **HALF YEARLY EXAMINATIONS**

Chapter 2 - Compound interest without using formula  
Chapter 3 - Compound interest using formula  
Chapter 4 - Expansions  
Chapter 5 - Factorisation  
Chapter 6 - Linear equations  
Chapter 7 - Indices  
Chapter 22 - Trigonometric Ratios  
Chapter 23 - Trigonometric Ratios of Standard Angles  
Chapter 24 - Solution of Right Triangles  
Chapter 25 - Complementary Angles  
Chapter 28 - Distance Formula  
Chapter 8 - Logarithms

### **UNIT II**

Chapter 19 - Mean and Median  
Chapter 20 - Area and Perimeter of plane figure  
Chapter 21 - Solids

### **FINAL EXAMINATIONS**

**-( Full course) (all the chapters of half yearly and unit 2 are also included)**

Chapter 1 - Rational and Irrational Numbers  
Chapter 9 - Triangles  
Chapter 10 - Isosceles triangles  
Chapter 12 - Mid point theorem and its converse  
Chapter 13 - Pythagoras Theorem  
Chapter 14 - Rectilinear Figure  
Chapter 15 - Construction of polygons  
Chapter 17 - Circle  
Chapter 18 - Statistics  
Chapter 26 - Co-ordinate geometry  
Chapter 27 - Graphical solutions

## **CHEMISTRY**

### **UNIT I**

CHAPTER 1. The Language of Chemistry  
CHAPTER 2. Chemical Changes and Reactions

### **HALF YEARLY EXAMINATIONS**

CHAPTER 1. The Language of Chemistry  
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

### **FINAL EXAMINATIONS**

CHAPTER 1. The Language of Chemistry  
CHAPTER 2. Chemical Changes and Reactions  
CHAPTER 3. Water  
CHAPTER 4. Atomic Structure and Chemical Bonding  
CHAPTER 5. The Periodic Table  
CHAPTER 6. Study of first element- Hydrogen  
CHAPTER 7. Study of Gas Laws

## **BIOLOGY**

**UNIT I** Chapter 1 Introducing Biology.

Chapter 2 Cell : The unit of life.

Chapter 3 Tissues – Plant and animal tissues.

Chapter 4 The flower.

Chapter 5 Pollination and Fertilization.

### **HALF YEARLY EXAMINATIONS**

Chapter 1 Introducing Biology.

Chapter 2 Cell : The unit of life.

Chapter 3 Tissues - Plant and animal tissues.

Chapter 4 The flower.

Chapter 5 Pollination and Fertilization.

Chapter 6 Seeds - Structure and germination.

Chapter 7 Respiration in plants.

Chapter 8 Five Kingdom classification.

Chapter 9 Economic importance of bacteria and Fungi.

### **UNIT II**

Chapter 10 Nutrition.

Chapter 11 Digestive system.

Chapter 12 Skeleton – Movement and locomotion.

Chapter 13 Skin – 'The Jack of all trades'.

### **FINAL EXAMINATIONS**

Chapter 1 Introducing Biology.

Chapter 2 Cell : the unit of life.

Chapter 3 Tissues – Plant and animal tissues.

Chapter 4 The flower.

Chapter 5 Pollination and fertilization.

Chapter 6 Seed - structure and germination.

Chapter 7 Respiration in plants.

Chapter 8 Five kingdom classification .

Chapter 9 Economic importance of bacteria and fungi.

Chapter 10 Nutrition.

Chapter 11 Digestive system.

Chapter 12 Skeleton - Movement and locomotion.

Chapter 13 Skin - ' The jack of all trades'.

Chapter 14 The Respiratory system.

Chapter 15 Hygiene [ A key to healthy life ].

Chapter 16 Diseases - Causes and control.

Chapter 17 Aids to health.

Chapter 18 Health Organisation.

Chapter 19 Waste generation and Management.

## **VALUE EDUCATION**

### **UNIT I**

Chapter 1 Keep Calm.

Chapter 2 Draw the line.

Chapter 3 Manage your time.

### **HALF YEARLY EXAMINATIONS**

Chapter 1 Keep Calm.

Chapter 2 Draw the line.

Chapter 3 Manage your time.

Chapter 4 Do your best.

Chapter 5 keep your word.

Chapter 6 End conflict.

## **UNIT II**

Chapter 7 Deal with criticism.

Chapter 8 Make Right decisions.

## **FINAL EXAMINATIONS**

**Chapter 1** Keep Calm.

Chapter 2 Draw the line.

Chapter 3 Manage your time.

Chapter 4 Do your best.

Chapter 5 Keep your word.

Chapter 6 End conflicts.

Chapter 7 Deal with criticism.

Chapter 8 Make Right Decisions.

Chapter 9 The making of a leader.

Chapter 10 Connect with the community.

## **PHYSICS**

### **UNIT I**

Ch 1. Measurement and measuring instruments

Ch-2. Motion in one dimension

### **HALF YEARLY EXAMINATIONS**

Ch 1. Measurement and measuring instruments

Ch-2. Motion in one dimension

Ch-3. Laws of motion

Ch-7. Reflection of light

### **UNIT II**

Ch-4. Pressure in fluids

Ch-5. Upthrust in fluids, Archimedes' principle and floatation

Ch-6. Heat and energy

### **FINAL EXAMINATIONS**

Ch-1. Measurement and measuring instruments

Ch-2. Motion in one dimension

Ch-3. Laws of motion

Ch-4. Pressure in fluids

Ch-6. Heat and energy

Ch-7. Reflection of light

Ch-8. Propagation of sound waves

Ch-9. Current electricity

Ch-10. Magnetism

## **ENGLISH LITERATURE**

### **Julius Caesar**

**UNIT I** Act I Scene 1 and Scene 2

### **HALF YEARLY EXAMINATIONS**

Act I (All scenes)

### **UNIT II**

Act II Scene 1

## **FINAL EXAMINATION**

Act I and Act II

### **Short Stories-**

#### **UNIT 1**

Lessons 1

### **HALF YEARLY EXAMINATIONS**

Lessons 1, 2 and 3

#### **UNIT II**

Lessons 4

### **FINAL EXAMINATIONS**

Lessons 1, 2,3,4 and 5

### **Poetry**

#### **UNIT 1**

Lessons 1

### **HALF YEARLY EXAMINATIONS**

Lessons 1, 2 and 3

#### **UNIT II**

Lessons 4

### **FINAL EXAMINATIONS**

Lessons 1,2,3,4 and 5

## **ENGLISH LANGUAGE**

#### **UNIT I**

- 1) Letters
- 2) Tenses
- 3) Prepositions
- 4) Transformation of Sentences

### **HALF YEARLY EXAMINATIONS**

- 1) Composition
- 2) Letters
- 3) Notice
- 4) Email
- 5) Comprehension
- 6) Tenses
- 7) Prepositions
- 8) Transformation of Sentences
- 9) Synthesis of Sentences

#### **UNIT II**

- 1) Letters
- 2) Tenses
- 3) Prepositions
- 4) Transformation of Sentences
- 5) Synthesis of Sentences

### **FINAL EXAMINATIONS**

- 1) Composition
- 2) Letters
- 3) Notice
- 4) Email
- 5) Comprehension
- 6) Tenses
- 7) Prepositions

- 8) Transformation of Sentences
- 9) Synthesis of Sentences

## **FINANCIAL LITERACY**

### **UNIT I**

1. Electronic Commerce (e-commerce) : meaning , uses; safety precautions for online transactions, advisory regarding fraudulent use of ATM/debit/credit cards; major financial regulatory bodies in India (RBI, SEBI, IRDAI, PFRDA)
2. Economic Depression : Recession, Gross Domestic Product (GDP), economic value, premium, dividend, risks involved

### **HALF YEARLY EXAMINATIONS**

1. Shares : Understanding basic terminologies such as shares, face value, market value, premium, dividend, risks involved.
2. Insurance : Meaning, benefits (individual, society, economy); difference between banking and insurance.

### **UNIT II**

1. Stock Exchange and economy ; Meaning, role, SEBI, SEBI grievance redressal
2. Trading and Demat Account : Meaning, Initial Public Offering (IPO)

### **FINAL EXAMINATIONS**

1. Financial inclusion schemes : Pradhan Mantri Jan Dhan Yojana, Jeevan Jyoti Bima Yojana, Suraksha Bima Yojana, Sukanyaa Samriddhi Yojana, Retirement planning and pension, National pension Scheme (NPS), Employees Provident Fund organization (EPFO), Atal Pension Yojna (APY)
2. 2.Goods and Services Tax (GST): Meaning, rates, benefits of GST

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