

**St. THOMAS SCHOOL KIDWAI NAGAR KANPUR**

**CLASS - VIII**

**YEARLY SYLLABUS 2023-24**

**COMPUTER**

**UNIT I**

Chapter 1: Operating System and Graphics User Interface

Chapter 2: Spreadsheet: formulas and functions

**HALF YEARLY EXAMINATIONS**

Chapter 1: Operating System and Graphics User Interface

Chapter 2: Spreadsheet: formulas and functions

Chapter 3: Charts in MS-Excel

Chapter 4: Algorithm and Flowchart

Chapter 7: App Development

**UNIT II**

Chapter 7: App Development

Chapter 8: Computer Networking

Chapter 9: Cloud Computing

**FINAL EXAMINATIONS**

Chapter 1: Operating System and Graphics User Interface

Chapter 5: Introduction to Java and BlueJ

Chapter 6: Decision Control Structure

Chapter 7: App Development

Chapter 8: Computer Networking

Chapter 9: Cloud Computing

**HISTORY & CIVICS**

**UNIT I**

Chapter 1 – A Period of Transition

Chapter 3 – India in the 18th Century AD

**HALF YEARLY EXAMINATIONS**

Chapter 1 – A Period of Transition

Chapter 2 – The Growth of Nationalism

Chapter 3 – India in the 18th Century AD

Chapter 4 – Traders to Rulers

Chapter 9 – Three Main Organs of Government: Legislature, Executive & Judiciary

**UNIT II**

Chapter 5 – British Policies & Impacts

Chapter 6 – The Great Uprising of AD 1857

**FINAL EXAMINATIONS**

Chapter 1 – A Period of Transition

Chapter 4 – Traders to Rulers

Chapter 6 – The Great Uprising of AD 1857

Chapter 7 – Socio- Religious Reforms

Chapter 8 – India's Struggle for Freedom

Chapter 9 – Three Main Organs of Government: Legislature, Executive & Judiciary

Chapter 10 – The United Nations

**BIOLOGY**

**UNIT I**

CHAPTER-1 Transport of food and minerals in plants

CHAPTER-3 Ecosystem

**HALF YEARLY EXAMINATIONS**

CHAPTER-2 Reproduction in plants and animals

+ I- UNIT

## **UNIT II**

CHAPTER-4 Endocrine, circulatory and nervous system

### **FINAL EXAMINATIONS**

CHAPTER 5 Health and Hygiene

CHAPTER -6 Food production

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CHAPTER-2 Reproduction in plants and animals

CHAPTER-3 Ecosystem

CHAPTER-4 Endocrine, circulatory and nervous system

### **VALUE EDUCATION**

## **UNIT I**

CHAPTER-1 Wrong is wrong

CHAPTER-2 Control your anger

### **HALF YEARLY EXAMINATIONS**

CHAPTER-3 Get going

CHAPTER-4 Set goals

CHAPTER-5 Avoid distraction

+ I- UNIT

## **UNIT II**

CHAPTER-6 Be open to change

CHAPTER-7 Dare to think different

### **FINAL EXAMINATIONS**

CHAPTER -8 Attitude is everything

CHAPTER-9 Use money wisely

CHAPTER-10 Shop responsibly

+ UT-1+ HALF YEARLY+ UT-II

### **PHYSICS**

## **UNIT I**

Ch-1 Matter

Ch-2 Physical quantities and measurement

### **HALF YEARLY EXAMINATIONS**

Ch-1 Matter

Ch-2 physical quantities and measurement

Ch-3 Force and pressure

Ch-4 Energy

## **UNIT II**

Ch-5 Light energy

Ch-6 Heat Transfer

### **FINAL EXAMINATIONS**

Ch-1 Matter

Ch-2 physical quantities and measurement

Ch-3 Force and pressure

Ch-4 Energy

Ch-5 Light energy

Ch-6 Heat Transfer

Ch-7 Sound

Ch-8 Electricity

### **GEOGRAPHY**

## **UNIT I**

CH-1 Representation of geographical features

CH-2 Population Dynamics

### **HALF YEARLY EXAMINATIONS**

CH-1 Representation of geographical features

CH-2 Population Dynamics  
CH-3 Migration  
CH-4 Urbanisation-causes and effects  
CH-5 Disasters- Natural and Human- made  
CH-6 Asia- Land, Climate, Natural vegetation  
Map of Asia

## **UNIT II**

CH-7 India: Location and Physical Features  
Map of India

## **FINAL EXAMINATIONS**

CH-2 Population Dynamics  
CH-3 Migration  
CH-4 Urbanisation  
CH-5 Disasters-Natural and Human – made  
CH-6 Asia- Land, Climate and Natural Vegetation  
CH-7 India – Location and Physical Features  
CH-8 India- Climate, Natural Vegetation and Wildlife  
CH-9 Human Resources  
Map of India

## **ART/CRAFT**

### **UNIT I**

**Pg. NO.** 12,15,16,17,18,19,21,22,23,24

### **HALF YEARLY EXAMINATION**

**Pg. NO.** 27,29,31,32,34,35,38,40,42,43

**CRAFT:** Greeting card and pebbles art

### **UNIT II**

**Pg. No.** 53,55,56,58,59,61,62,63

### **FINAL EXAMINATIONS**

**Pg. No.** 66,67,70,71,75,76,77,78,79,82,83

**CRAFT:** Paper quilling and knife painting

## **संस्कृत पाठ्य पुस्तकम् - मंथन**

### **UNIT I**

ईश-वंदना

पाठ – 1 व्यपदेशेपि सिद्धिः स्यात्

पाठ – 2 यस्य बुद्धिर्बलं तस्य

### **HALF YEARLY EXAMINATION**

पाठ – 1 व्यपदेशेपि सिद्धिः स्यात्

पाठ – 2 यस्य बुद्धिर्बलं तस्य

पाठ – 3 वृक्षाणाम्-महत्त्वम्

पाठ – 4 सुभाषितानि

पाठ – 5 महाकविः कालिदासः (क)

पाठ – 6 महाकविः कालिदासः (ख)

पाठ – 7 शठे शाठ्यं समाचरेत्

पाठ – 8 गणतन्त्र दिवसः

### **UNIT II**

पाठ – 9 नीति वचनानि

पाठ – 10 एकलव्यस्य कथा

### **FINAL EXAMINATIONS**

पाठ – 3 वृक्षाणाम्-महत्त्वम्

पाठ – 7 शठे शाठ्यं समाचरेत्

पाठ – 9 नीति वचनानि  
पाठ – 11 किञ्चिद् अपि न  
पाठ – 13 मैट्रो रेलयानम्  
पाठ – 14 “सर्वे परवशं दुःखःम्”  
पाठ – 15 आवाहनम्

## **ENGLISH LANGUAGE**

### **UNIT I**

Noun: Phrases and Clauses

Pronouns

Determiners

Formal Letter

### **HALF YEARLY EXAMINATION**

Noun: Phrases and Clauses

Pronouns

Determiners

The Present Tense

The Past Tense

Future Time Reference

Modals

Conditionals

Irregular Verbs

Essay, Letter writing, and Comprehension

### **UNIT II**

Finite and Non-Finite Verbs

Active & Passive voice

Adjectives

Letter Writing

### **FINAL EXAMINATIONS**

Noun: Phrases and Clauses

Pronouns

Determiners

Noun: Phrases and Clauses

Pronouns

Determiners

The Present Tense

The Past Tense

Future Time Reference

Modals

Conditionals

Irregular Verbs

Direct & Indirect Speech

Adverbs

Prepositions

Conjunctions

Essay, Letter writing, and Comprehension

## **ENGLISH LITERATURE**

### **UNIT I**

Lesson – 1 The Adventure of the Blue

Carbuncle.

Lesson – 2 The Lake of Isle of Innisfree

Lesson – 4 Set our children free.

### **HALF YEARLY EXAMINATION**

Lesson – 1 The Adventure of the Blue Carbuncle.

Lesson – 2 The Lake of Isle of Innisfree

Lesson-4 Set our children free.

Lesson-5 I Remember, I Remember.

Lesson – 6 After Twenty Years.

Lesson – 8 The First Pup

Lesson – 10 My Dearest Lizzy

## **UNIT II**

Lesson – 11 Lines to an Indian Air

Lesson – 12 The Shoemaker

Lesson – 15 Harry Potter learns Quidditch

Lesson – 17 Macbeth

## **FINAL EXAMINATIONS**

Lesson – 4 Set our children free

Lesson – 6 After Twenty Years

Lesson – 8 The First Pup

Lesson – 12 The Shoe Maker

Lesson – 15 Harry Potter Learns Quidditch

Lesson – 18 If

Lesson – 19 India's Heroes

Lesson – 20 Milk for the Cat

Lesson – 21 Lata Mangeshkar

## **HINDI**

### **UNIT I**

पाठ - 1 वह भारत देश हमारा है

पाठ - 2 परीक्षा

**व्याकरण** – पत्र, तद्भव-तत्सम, लिंग, वचन, संज्ञा, सर्वनाम, विशेषण, विलोम, पर्यायवाची, शुद्ध-अशुद्ध, वाक्यांश, मुहावरे व लोकोक्तियाँ, वाक्य परिवर्तन।

### **HALF YEARLY EXAMINATIONS**

पाठ - 2 परीक्षा

पाठ - 3 अपशगुन

पाठ - 4 हिरोशिमा

पाठ - 5 सोना

पाठ - 6 स्वावलंबन

पाठ - 7 हम पक्षी उन्मुक्त गगन के

पाठ - 8 चतुर तोता

पाठ - 9 दीपदान

पाठ - 10 वीरों की पूजा

पाठ - 11 नैसर्गिक सौंदर्य की धरती कर्नाटक

**व्याकरण** – निबंध, पत्र, अपठित गद्यांश, तद्भव-तत्सम, लिंग, वचन, संज्ञा, सर्वनाम, विशेषण, विलोम, पर्यायवाची, शुद्ध-अशुद्ध, वाक्यांश, मुहावरे व लोकोक्तियाँ, वाक्य परिवर्तन।

### **UNIT II**

पाठ - 12 भिखारिन

पाठ - 13 वीर अब्दुल हमीद

पाठ - 14 कबीर-रहीम के दोहे

**व्याकरण** – पत्र, तद्भव-तत्सम, लिंग, वचन, संज्ञा, सर्वनाम, विशेषण, विलोम, पर्यायवाची, शुद्ध-अशुद्ध, वाक्यांश, मुहावरे व लोकोक्तियाँ, वाक्य परिवर्तन।

### **FINAL EXAMINATIONS**

पाठ - 1 वह भारत देश हमारा है

पाठ - 11 नैसर्गिक सौंदर्य की

- पाठ - 12 भिखारिन  
 पाठ - 13 वीर अब्दुल हमीद  
 पाठ - 14 कबीर रहीम के दोहे  
 पाठ - 15 सूर्य पुत्री यमुना  
 पाठ - 16 स्नेह शपथ  
 पाठ - 17 पिता का पत्र पुत्र के नाम  
 पाठ - 18 वसंत गीत

**व्याकरण** – निबंध, पत्र, अपठित-गद्यांश, तद्भव-तत्सम, लिंग, वचन, संज्ञा, सर्वनाम, विशेषण, विलोम, पर्यायवाची, शुद्ध-अशुद्ध, वाक्यांश, मुहावरे व लोकोक्तियाँ, वाक्य परिवर्तन।

## MATHS

### **UNIT I** Exponent and powers

1. Square and square roots
2. Simple and compound interest

### **HALF YEARLY EXAMINATIONS**

1. Exponent and powers
2. Simple and compound interest
3. Percentage and its application
4. Algebraic Expression
5. Factorisation
6. Rational Number
7. Sets
8. Cube and Cube roots

### **UNIT II**

1. Direct and Inverse variation. (Time and work including)
2. Linear Equations and Inequalities in one variable.
3. Circles

### **FINAL EXAMINATIONS**

1. Mensuration
2. Understanding Quadrilaterals.
3. Linear equation and Inequalities
4. Factorisation
5. Direct and Inverse variation
6. Simple and compound interest
7. Percentage and its application
8. Data handling
9. Construction of quadrilaterals.
10. Circles

## G.K.

### **UNIT I**

CH- 1, 2, 3, 4, 5, 6, 7, 8, 11, 12

### **HALF YEARLY EXAMINATIONS**

CH- 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 26, 27, 28, 29, 31, 32, 3, 7 and current affairs

### **UNIT II**

CH- 34, 35, 36, 37, 38, 39, 41, 42, 43, 44

### **FINAL EXAMINATIONS**

CH- 45, 46, 47, 48, 49, 50, 51, 52, 53, 55, 56, 57, 58, 60, 61, 62, 63, 27, 23, 15, 11, 39, 36 and current affairs

## CHEMISTRY

### **UNIT I**

- Chapter 1. Matter and its Composition  
 Chapter 2. Atomic Structure

## **HALF YEARLY EXAMINATIONS**

- Chapter 1. Matter and its Composition
- Chapter 2. Atomic Structure
- Chapter 3. Elements, Compound and Mixture
- Chapter 4. Language of Chemistry

### **UNIT II**

- Chapter 5. Language of Chemistry
- Chapter 6. Chemical Reactions

## **FINAL EXAMINATIONS**

- Chapter 3. Elements, Compounds and Mixtures
- Chapter 4. Atomic Structure
- Chapter 5. Language of Chemistry
- Chapter 6. Chemical Reactions
- Chapter 7. Hydrogen
- Chapter 8. Water
- Chapter 9. Carbon and its Compounds

## **FINANCIAL LITERACY**

### **UNIT I**

1. Insurance: Meaning and need, important terminologies, regulators and types of insurance
2. Types of banks: Classification on the basis of functions, ownership and domicile, payment banks, small finance banks

## **HALF YEARLY EXAMINATIONS**

1. Insurance: Meaning and need, important terminologies, regulators and types of insurance
2. Types of banks: Classification on the basis of functions, ownership and domicile, payment banks, small finance banks
3. Cheques: Meaning and benefits information on cheques, Magnetic Ink Character Recognition (MICR), Indian Financial System Code ((IFSC)
4. Tax: Meaning, purpose and types of taxes (direct and indirect)

### **UNIT II**

1. Demand Draft, Payment Order: Meaning, merits and information required for making a demand draft payment order/banker's cheque, difference between a cheque, demand draft and payment order

## **FINAL EXAMINATIONS**

1. Demand Draft, Payment Order: Meaning, merits and information required for making a demand draft payment order/banker's cheque, difference between a cheque, demand draft and payment order
2. Banking: Role of banks as ' middlemen' opening and operating a bank account, services provided (deposit and withdrawal); general features of children's bank account (minor account), document required

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