

**St. THOMAS SCHOOL, KIDWAI NAGAR, KANPUR**

**CLASS - X**

**YEARLY SYLLABUS 2024-25**

**ENGLISH I**

**UNIT-1**

- 1) Formal Letter Writing
- 2) Informal Letter Writing
- 3) Tenses
- 4) Prepositions
- 5) Transformation of Sentences

**HALF YEARLY EXAM**

- 1) Composition
- 2) Letter writing
- 3) Notice Writing
- 4) E-mail Writing
- 5) Comprehension Passage
- 6) Correct Use of Prepositions
- 7) Correct Use of Verbs
- 8) Synthesis of Sentences
- 9) Transformation of Sentences

**PRELIMS 1&2**

- 1) Composition
- 2) Letter writing
- 3) Notice Writing
- 4) E-mail Writing
- 5) Comprehension Passage
- 6) Correct Use of Prepositions
- 7) Correct Use of Verbs
- 8) Synthesis of Sentences
- 9) Transformation of Sentences

**ENGLISH II**

**UNIT-1**

*POETRY-*

Haunted Houses

*SHORT STORIES-*

With the Photographer

*DRAMA:*

Julius Caesar – Act 3 Scene 1

**HALF YEARLY EXAM**

*POETRY-*

Haunted Houses

The Glove and the Lions

When Great Trees fall

A Considerable Speck

*SHORT STORIES-*

With the Photographer

The Elevator

The Girl Who Can  
The Pedestrian

*DRAMA:*

Julius Caesar – Act 3 Scene 1 to Act 4 Scene 2.

PRELIMS 1&2:

*POETRY-*

Haunted Houses

The Glove and the Lions

When Great Trees fall

A Considerable Speck

The Power of Music

*SHORT STORIES-*

With the Photographer

The Elevator

The Girl Who Can

The Pedestrian

The Last Lesson

*DRAMA:*

Julius Caesar – Act 3, Act 4 and Act 5

## HINDI

### UNIT I

साहित्य सागर- बड़े घर की बेटी,सूर के पद ,विनय के पद,

व्याकरण - पत्र,विलोम ,पर्याय,भाववाचक संज्ञा ,तद्भव -तत्सम ,विशेषण ,शुद्ध -अशुद्ध ,वाक्यांश के लिए एक शब्द । मुहावरे और लोकोक्तियां, वाक्य परिवर्तन

### HALF YEARLY (Whole syllabus )

साहित्य सागर (संक्षिप्त कहानियाँ )

बात अठन्नी की ,काकी महायज्ञ का पुरस्कार ,नेता जी का चश्मा , अपना अपना भाग्य,बड़े घर की बेटी , सन्देह , भीड़ में खोया आदमी,भेड़ें और भेड़िए ,दो कलाकार

पद्य भाग

साखी ,गिरिधर की कुंडलियाँ ,स्वर्ग बना सकते हैं ,वह जन्मभूमि मेरी , मेघ आए , भिक्षुक,सूर के पद ,विनय के पद ,चलना हमारा काम है,मातृ मंदिर की ओर

व्याकरण

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

Pre prelims and Prelims (whole Syllabus)

## **MATHS**

### **Unit 1**

- (i) Banking
- (ii) Linear inequations
- (iii) Factorisation
- (iv) Arithmetic Progression (A.P.)

### **Half-Yearly Examination**

- (i) GST
- (ii) Banking
- (iii) Shares and dividends
- (iv) Linear inequations
- (v) Quadratic Equations
- (vi) Ratio and Proportions
- (vii) Remainder Factor theorem
- (viii) Matrices
- (ix) Arithmetic Progression (A.P.)
- (x) Section-Formula
- (xi) Reflection
- (xii) Identities
- (xiii) Heights and distances
- (xiv) Probability

### **Unit -2 (Pre-prelims) Full course including**

- (i) Geometric Progression (G.P.)
- (ii) Equation of a straight line
- (iii) Similarity
- (iv) Locus
- (v) Circles
- (vi) Constructions
- (vii) Mensuration
- (viii) Measures of central tendency
- (ix) Probability

## **PHYSICS**

### **Unit Test I**

- Ch-1 Force
- Ch-2 Work, Energy and Power
- Ch-3 Machines

### **Half yearly Syllabus**

- Unit Test
- Ch-1 Force
- Ch-2 Work, Energy and Power
- Ch-3 Machines
- Ch-4 Refraction of Light (Plane Surface)
- Ch-5 Refraction of Light (Spherical Surface)
- Ch-6 Spectrum
- Ch-7 Sound

## **Prelims**

Ch-1 Force

Ch-2 Work, Energy and Power

Ch-3 Machines

Ch-4 Refraction of Light (Plane Surface)

Ch-5 Refraction of Light (Spherical Surface)

Ch-6 Spectrum

Ch-7 Sound

Ch-8 Current Electricity

Ch-9 Electrical Power and Household Circuit

Ch-10 Electromagnetism

Ch-11 Calorimetry

Ch-12 Radioactivity

## **CHEMISTRY**

### **Unit 1:**

Chapter 1–Periodic table , Periodic Properties and Variations of Properties

Chapter 2- Chemical Bonding

Chapter 4- Analytical Chemistry

### **Half Yearly Examination :**

Chapter 1 – Periodic table, Periodic Properties and Variations of Properties

Chapter 2- Chemical Bonding

Chapter 3- Acids, Bases and Salts

Chapter 4- Analytical Chemistry

Chapter 6-Electrolysis

Chapter 8- Hydrogen Chloride

Chapter 9- Ammonia

Chapter 10- Nitric Acid

Chapter 11- Sulphuric Acid

**Pre-Prelims and Prelims:** Whole syllabus as per board guideline

## **BIOLOGY**

### **UNIT 1**

- 1.Ch9: The Excretory system
- 2.Ch4: Absorption by Root
- 3.Ch5: Transpiration
- 4.Ch7: Chemical Coordination in plant

### **HALF YEARLY EXAMINATION :**

1. Cell; The structure and functional unit of life
2. Structure of Chromosome, Cell cycle and cell division
3. Genetics: Some Basic Fundamentals
4. Absorption by Roots
5. Transpiration
6. Photosynthesis
7. Chemical Coordination in Plants
8. The Circulatory System
9. The Excretory System

### **PRE-PRELIMS and PRELIMS**

1. Cell :The structural and Functional Unit of Life
2. Structure of Chromosome ,Cell cycle and Cell Division
3. Genetics : Some Basic Fundamentals
4. Absorption by Roots
5. Transpiration
6. Photosynthesis
7. Chemical Coordination in Plants
8. The Circulatory System
9. The Excretory System
10. The Nervous System
11. Sense Organs
12. The Endocrine System
13. The Reproductive System
14. Human Evolution
15. Population
16. Pollution

(Whole syllabus as per Board Guidelines)

## **HISTORY AND CIVICS**

### **Unit I:**

Chapter 1 – The Revolt of 1857 (H)

Chapter 11 – The Union Legislature – The Lok Sabha & the Rajya Sabha (C) **Half Yearly:**

Chapter 1 – The Revolt of 1857 (H)

Chapter 2 – Rise & Growth of Nationalism (H)  
Chapter 3 – The Indian National Movement: 1885-1916 (H)  
Chapter 4 – Mass Phase of the National Movement: 1916-1935 (H)  
Chapter 5 – The Indian National Movement: 1935- 1947 (H)  
Chapter 11 – The Union Legislature – The Lok Sabha & the Rajya Sabha (C)  
Chapter 12 – The Union Executive (C)

**Pre- Prelims:**

Chapter 1 – The Revolt of 1857 (H)  
Chapter 2 – Rise & Growth of Nationalism (H)  
Chapter 3 – The Indian National Movement: 1885-1916 (H)  
Chapter 4 – Mass Phase of the National Movement: 1916-1935 (H)  
Chapter 5 – The Indian National Movement: 1935- 1947 (H)  
Chapter 6 – The First World War (H)  
Chapter 7 – Rise of Dictatorships (H)  
Chapter 8 – The Second World War (H)  
Chapter 9 – The United Nations (H)  
Chapter 10 – The Non- Aligned Movement (H)  
Chapter 11 – The Union Legislature – The Lok Sabha & the Rajya Sabha (C)  
Chapter 12 – The Union Executive (C)  
Chapter 13 – The Indian Judiciary (H)

**Prelims:**

Chapter 1 – The Revolt of 1857 (H)  
Chapter 2 – Rise & Growth of Nationalism (H)  
Chapter 3 – The Indian National Movement: 1885-1916 (H)  
Chapter 4 – Mass Phase of the National Movement: 1916-1935 (H)  
Chapter 5 – The Indian National Movement: 1935- 1947 (H)  
Chapter 6 – The First World War (H)  
Chapter 7 – Rise of Dictatorships (H)  
Chapter 8 – The Second World War (H)  
Chapter 9 – The United Nations (H)  
Chapter 10 – The Non- Aligned Movement (H)  
Chapter 11 – The Union Legislature – The Lok Sabha & the Rajya Sabha (C)  
Chapter 12 – The Union Executive (C)  
Chapter 13 – The Indian Judiciary (H)

**GEOGRAPHY**

**UNIT I**

1. Interpretation of Topographical Map I and II
4. Climate of India
5. Soil Resources in India

**HALF-YEARLY**

1. Interpretation of Topographical Map I and II

3. Map of India
4. Climate of India
5. Soil Resources in India
6. Natural Vegetation
7. Water Resources
8. Mineral and Energy Resources I
9. Mineral and Energy Resources II
10. Agriculture in India I
11. Agriculture in India II

**PRELIM EXAMS AND PRELIM EXAMS:**

1. Interpretation of Topographical Map I and II
3. Map of India
4. Climate of India
5. Soil Resources in India
6. Natural Vegetation
7. Water Resources
8. Mineral and Energy Resources I
9. Mineral and Energy Resources II
10. Agriculture in India I
11. Agriculture in India II
12. Agriculture in India III
13. Manufacturing Industries in India I
14. Manufacturing Industries in India II
15. Transport
16. Waste Management- impact of waste accumulation
17. Waste Generation and Management- Methods of safe disposal of waste

**Computer Applications**

**Unit Test 1:**

- Ch1: Introduction to Object Oriented Programming Concepts  
 Ch2: Elementary Concept of Object and Classes  
 Ch3: Values and Types  
 Ch4: Operators in Java  
 Ch5: Input in Java  
 Ch7: Conditional Construct Java

**Half Yearly:**

- Ch6: Mathematical Library Methods  
 Ch8: Iterative Constructs in Java  
 Ch9: Nested Loop

Ch10: Class as the basis of all computation

Ch11: User Defined Methods

Ch12: Constructors

+

**Previously Taught Chapters**

**Preboard:**

**Complete Syllabus**

## **VALUE EDUCATION**

### **UNIT 1**

1. Develop Your Personality
2. Mind Your Etiquette
3. Become a Better Speaker
4. Work on Interpersonal Skills

### **HALF YEARLY EXAMINATION**

1. Develop Your Personality
2. Mind Your Etiquette
3. Become a Better Speaker
4. Work on Interpersonal Skills
5. Be a Team player
6. Cope with Competition
7. Manage Exam Anxiety
8. Don't Give Up
9. Never Stop Learning
10. Plan Your Future.

\*\*\*\*\*