

**SURENDRANATH CENTENARY SCHOOL**  
**CLASS X (2024 – 25)**

**FIRST UNIT TEST (20 MARKS)**

<b>SL. NO.</b>	<b>SUBJECT</b>	<b>NAME OF THE BOOK TOPIC</b>
1.	ENGLISH (29.04.2024)	<b>First Flight:</b> Ch – 1 A Letter to God <b>Poem:</b> Dust of Snow & Fire and Ice Writing Skills- Editorial Letter Grammar – Modals, Determiners
2.	HINDI (22.04.2024)	<u>क्षितिज</u> पद-सुरदास <u>व्याकरण</u> रचना के आधार पर वाक्यभेद, पत्रलेखन
3.	SANSKRIT (22.04.2024)	शेमुषी पाठ्य-पुस्तकम् -II Ch.1- शुचिपर्यावरणम्
4.	MATHEMATICS (24.06.24)	<b>NCERT Mathematics for Class X</b> NCERT Exemplar CH – 2 Real Numbers CH – 2 Polynomial CH – 8 Introduction to Trigonometry
5.	SCIENCE (06.05.2024)	<b>NCERT science textbook of class 10</b> <b>Physics</b> CH-9 Light- Reflection and Refraction <b>Chemistry</b> Ch-1 Chemical reactions and equations <b>Biology</b> Ch.5- Life Processes- Nutrition, Respiration & Transportation
6.	SOCIAL SCIENCE (18.06.2024)	<b>India and the contemporary world II</b> <b>Democratic politics II</b> <b>Contemporary India -II</b> <b>Economics textbook for class X</b> Nationalism in Europe Resources and Development Power Sharing Development
7.	ARTIFICIAL INTELLIGENCE (18.06.24)	<b>Artificial Intelligence</b> Part B Unit 1:- Session 1 and 2 Foundational Concepts of AI, AI Domains, AI Application, AI Project Cycle

## FIRST PERIODIC TEST (40 MARKS)

SL. NO.	SUBJECT	NAME OF THE BOOK TOPIC
1.	ENGLISH (29.07.24))	<b>First Flight:</b> Ch-2 Nelson Mandela – Long Walk to Freedom Ch – 3 Two Stories about Flying Ch – 4 From the Diary of Anne Frank <b>Poem:</b> A Tiger in the Zoo, How to tell Wild Animals <b>Foot Prints Without Feet</b> Ch – 1 A Triumph of Surgery Ch – 2 The Thief’s Story Writing Skills – Letter of Inquiry Grammar – Integrated Grammar
2.	HINDI (26.07.2024)	क्षितिज नेताजी का चश्मा, राम लक्ष्मण परशुराम सम्वाद <u>कृतिका</u> माता का अँचल <u>व्याकरण</u> रचना के आधार पर वाक्यभेद, वाच्य, सन्देशलेखन, विज्ञापनलेखन
3.	SANSKRIT (24.07.2024)	शेमुषी पाठ्य-पुस्तकम् -II Ch.1- शुचिपर्यावरणम् व्याकरण - संधिप्रकरण, समास, वाच्य, प्रत्यय, अव्यय, समय , अशुद्धिशोधनम्
4.	MATHEMATICS (22.07.24)	<b>NCERT Mathematics for Class X</b> <b>NCERT Exemplar</b> CH – 3 Pair of Linear Equation in two variables CH – 4 Quadratic Equations CH – 6 Triangles CH – 7 Coordinate Geometry
5.	SCIENCE (16.07.2024)	<b>NCERT science textbook of class 10</b> <b>Physics</b> CH-9 Light- Reflection and Refraction CH-10 Human eye and colourful world <b>Chemistry</b> Ch-2 Acids, bases & salts <b>Biology</b> Ch.5- Life Processes- Nutrition, Respiration & Transportation Ch-6- Control & Coordination
6.	SOCIAL SCIENCE (18.07.2024)	<b>India and the contemporary world II</b> <b>Democratic politics II</b> <b>Contemporary India -II</b> <b>Economics textbook for class X</b>

Nationalism in India  
Forest Resources  
Water Resources  
Federalism  
The Sectors of Indian Economy

7. ARTIFICIAL INTELLIGENCE (18.07.24) **Artificial Intelligence**  
Part B: Unit 1:- Unit 2,3,4  
AI Project Cycle, Neural Network, Advance Python

## **TERM I (80 MARKS)**

SL. NO.	SUBJECT	NAME OF THE BOOK TOPIC
1.	ENGLISH	<b>First Flight:</b> 1. A Letter to God 2. Nelson Mandela – Long walk to Freedom 3. Two Stories About Flying 4. From the Diary of Anne Frank 5. Glimpses of India 6. Mijbil the Otter 7. Madam Rides the Bus <b>Poem</b> Dust of Snow, Fire and Ice, A Tiger in the Zoo, How to tell Wild Animals, The Ball Poem, Amanda <b>Foot Prints Without Feet</b> 1. A Triumph of Surgery 2. The Thief's Story 3. The Midnight Visitor 4. A question of Trust 5. Footprints Without Feet 6. The Making of a Scientist Writing Skills – Editorial letter, Inquiry letter, Complaint letter, letter for placing order, Analytical paragraph <b>Grammar</b> – Integrated grammar (Determiners, Modals, Tenses, Subject Verb Agreement, Reported Speech)
2.	HINDI	क्षितिज पद-सुरदास, नेताजी का चश्मा, राम लक्ष्मण परशुराम सम्वाद, बालगोबिन भगत, बाल गोबिन भगत, लखनवी अंदाज़, उत्साह, अट नहीं रही है आत्मकथ्य, दंतुरित मुस्कान, फसल कृतिका माता का अँचल, साना-साना हाथ जोड़ि व्याकरण रचना के आधार पर वाक्यभेद, वाच्य, पदपरिचय, अलंकार, अनुच्छेदलेखन, पत्रलेखन, सन्देशलेखन, विज्ञापनलेखन ई-मेल लेखन, स्ववृत्त लेखन
3.	SANSKRIT	शेमुषी पाठ्य-पुस्तकम् -II Ch 1. शुचिपर्यावरणम् Ch 2. : बुद्धिर्बलवती सदा

Ch 3. शिशुलालनम

Ch 4. जननी तुल्यवत्सला

Ch 5. सुभाषितानि

व्याकरण - खण्ड(क) अपठित गद्यांशः, खण्ड(ख) रचनात्मककार्यम्-  
चित्र वर्णनम् / अनुच्छेद लेखनम् अनुवादाः, खण्ड (ग) “संधिप्रकरण,  
समास, वाच्य, प्रत्यय, अव्यय, समय, अशुद्धिशोधनम् खण्ड  
:(घ)पठित-अवबोधनम् गद्यांशः, पद्यांशः, नाट्यांशः, अन्वयः/  
भावार्थः, प्रश्ननिर्माण, कथाक्रम, समानार्थी, विपरीतार्थक, पर्याय ।

#### 4. MATHEMATICS

**NCERT Mathematics for Class X**

**NCERT Exemplar**

CH – 1 Real Numbers

CH – 2 Polynomials

CH – 3 Pair of Linear Equation of two variables

CH – 4 Quadratic Equations

CH – 6 Triangles

CH – 7 Coordinate Geometry

CH – 8 Introduction to Trigonometry

CH – 14 Statistics

CH – 15 Probability

#### 5. SCIENCE

**NCERT science textbook of class 10**

**Physics**

Ch-9- Light- Reflection and Refraction

Ch-10- Human eye and colourful world

**Chemistry**

Ch- 1 Chemical reactions and equations

Ch-2 Acids, bases & salts

**Biology**

Ch.5- Life Processes- Nutrition, Respiration & Transportation

Ch-6- Control & Coordination

Ch- 13 Our Environment

#### 6. SOCIAL SCIENCE

**India and the contemporary world II**

**Democratic politics II**

**Contemporary India -II**

**Economics textbook for class X**

Nationalism in India

The Making of a Global World

Nationalism in Europe

Resource and Development

Forest Resources

Water Resources

Agriculture

Mineral and Energy Resources( Till Mode of Occurrence)

Power Sharing

Federalism

Gender, Religion and Caste

Political Parties

Development

Sectors of Indian Economy

Money and Credit System

## 7. ARTIFICIAL INTELLIGENCE

### Artificial Intelligence

Introduction to AI, AI Project Cycle,  
Data Science, Communication Skills-II  
Unit 3,4- 1st Session from Each unit

## TERM II (80 MARKS)

SL. NO.	SUBJECT	NAME OF THE BOOK TOPIC
1.	ENGLISH	<b>First Flight:</b> 1. The Sermon at Benaras 2. The Proposal <b>Poem</b> The Trees, Fog, The Tale of Custard the Dragon, For Anne Gregory <b>Footprints Without Feet</b> 1. The Necklace 2. Bholi 3. The Book that saved the Earth Writing Skills – Formal Letters, Analytical paragraph Grammar – Integrated Grammar (Determiners, Modals, Tenses, Subject Verb Agreement, Reported Speech) Including all the lessons covered in Term I
2.	HINDI	<u>क्षितिज</u> एक कहानी यह भी, संगतकार, दंतुरित मुस्कान, फसल नौबतखाने में इबादत, संस्कृति <u>कृतिका</u> इस जल प्रलय में, मेरे संग की औरतें रीढ़ की हड्डी <u>व्याकरण</u> उपसर्ग, प्रत्यय, समास, अर्थ के अनुसार वाक्यभेद, अलंकार(अनुप्रास, उपमा, श्लेष), अनुच्छेद लेखन, पत्रलेखन, लघुकथा लेखन, संवाद लेखन, ई-मेल लेखन, सूचना लेखन
3.	SANSKRIT	शेमुषी पाठ्य-पुस्तकम् -II Ch 1. शुचिपर्यावरणम् Ch 2 : बुद्धिर्बलवती सदा Ch 3 : शिशुलालनम् Ch 4 : जननी तुल्यवत्सला Ch 5 : सुभाषितानि Ch 6 : सौहार्द प्रकृतेः शोभा Ch 7 : विचित्रः साक्षी Ch 8 : सूक्तयः Ch 9 : अनयोक्त्यः

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चित्र वर्णनम् / अनुच्छेद लेखनम् अनुवादाः, खण्ड (ग) “संधिप्रकरण,  
समास, वाच्य , प्रत्यय, अव्यय, समय , अशुद्धिशोधनम् खण्ड  
:(घ)पठित-अवबोधनम् गद्यांशः, पद्यांशः, नाट्यांशः, अन्वयः/  
भावार्थः, प्रश्ननिर्माण, कथाक्रम, समानार्थी, विपरीतार्थक, पर्याय

#### 4. MATHEMATICS

#### **NCERT Mathematics for Class X**

##### **NCERT Exemplar**

CH – 1 Real Numbers

CH – 2 Polynomials

CH – 3 Pair of Linear Equation of two variables

CH – 4 Quadratic Equations

CH – 5 Arithmetic Progressions

CH – 6 Triangles

CH – 7 Coordinate Geometry

CH – 8 Introduction to Trigonometry

CH – 9 Some Applications of Trigonometry

CH – 10 Circles

CH – 12 Areas Related to Circles

CH – 13 Surface Areas and Volumes

CH – 14 Statistics

CH – 15 Probability

#### 5. SCIENCE

#### **NCERT science textbook of class 10**

##### **Physics**

CH- 9 Light-Reflection and Refraction

Ch-10 The Human Eye and The Colourful World

Ch-11 Electricity

Ch-12 Magnetic Effects of Electric Current

##### **Chemistry**

Ch- 1 Chemical reactions and equations

Ch -2 Acids, bases and salts

Ch-3 Metals and nonmetals

Ch-4 Carbon and its compounds

##### **Biology**

Ch.5- Life Processes- Nutrition, Respiration & Transportation

Ch-6- Control & Coordination

Ch- 7 How do Organisms Reproduce?

Ch- 8 Heredity & Evolution ( Up to Sex Determination)

Ch- 13 Our Environment

#### 6. SOCIAL SCIENCE

#### **India and the contemporary world II**

##### **Democratic politics II**

##### **Contemporary India -II**

##### **Economics textbook for class X**

History- Chap.1,2,3,5

Geography- Chap. 1,2,3,4,5,6

Pol.Sc.- Chap. 1, 2, 3, 4, 5

#### 7. ARTIFICIAL INTELLIGENCE

#### **Artificial Intelligence**

Full Syllabus as prescribed by CBSE