

## CLASS - X

### ENGLISH - I (LANGUAGE)

**Book : TOTAL ENGLISH (X)** Morning Star

**FIRST TERM :** UNITS 1 to 8

#### **Unit Test - I :**

1. Speaking & Listening Skills
2. Notice Writing
3. E-mail Writing
4. Total English (Unit 1 to 4)

#### **Unit Test - II :**

1. Letter Writing (Formal / Informal)
2. Total English (Units 5 to 8)

**SECOND TERM :** UNITS 9 to 15

**Note :** Preliminary Examinations will include the entire syllabus of class X.

### ENGLISH - II (LITERATURE)

#### **FIRST TERM**

**Book : Drama : Julius Caesar**  
- William Shakespeare (Morning Star)  
Act III - All the Scenes  
Act IV - All the Scenes

**Book : Poetry : Treasure Chest "A Collection of ICSE Poems"** (Evergreen)

1. Haunted Houses - H. W. Longfellow
2. The Glove and the Lions - Leigh Hunt

**Book : Prose : Treasure Chest "A Collection of ICSE Short Stories"** (Evergreen)

1. With the Photographer - Stephen Leacock
2. The Elevator - William Sleator
3. The Girl Who Can - Arma Ata Aido

#### **Unit Test - I :**

1. Julius Caesar - Act III (Scene I and II)
2. With the Photographer- Stephen Leacock
3. Haunted Houses - H. W. Longfellow

#### **Unit Test - II :**

1. Julius Caesar - Act III (Scene III and IV)  
(All the Scenes)
2. The Glove and The Lions - Leigh Hunt
3. The Elevator - William Sleator
4. The Girl Who Can - Arma Ata Aido

#### **SECOND TERM :**

**Book : Drama : Julius Caesar** - William Shakespeare  
(Morning Star)

Act V - All the Scenes

**Book : Poetry : Treasure Chest "A Collection of ICSE Poems"** (Evergreen)

1. When Great Trees Fall - Maya Angelou
2. A Considerable Speck - Robert Frost
3. The Power of Music - Sukumar Ray

Book : **Prose : Treasure Chest "A Collection of ICSE Short Stories"** (Evergreen)

1. The Pedestrian - Ray Bradbury
2. The Last Lesson - Alphonse Daudet

**Note :** Preliminary Examinations will include the entire syllabus of class X.

## हिन्दी

पुस्तक : साहित्य सागर (कहानी, कविता)  
व्याकरण पुस्तिका (सरस हिन्दी व्याकरण)

### प्रथम सत्र

#### कहानी

6. बड़े घर की बेटी
7. संदेह
8. भीड़ में खोया आदमी

#### कविता

6. सूर के पद
7. विनय के पद
8. भिक्षुक

**Unit Test - I :** 6. बड़े घर की बेटी (कहानी)  
7. सूर के पद (कविता)

व्याकरण - पर्यायवाची, विलोम, भाववाचक संज्ञा आदि समस्त पढ़ाया गया व्याकरण।

**Unit Test - II :** 6. संदेह (कहानी)  
7. विनय के पद (कविता)

व्याकरण - कक्षा में पढ़ाया गया समस्त व्याकरण।

**नोट :** प्रथम सत्र में कक्षा 9 के पठित पाठों से संबंधित प्रश्न भी परीक्षा में पूछे जायेंगे।

### द्वितीय सत्र

व्याकरण पुस्तिका (सरस हिन्दी व्याकरण)  
साहित्य सागर (कहानी, कविता)

#### कहानी

9. भेड़ें और भेड़िए
10. दो कलाकार

#### कविता

9. चलना हमारा काम है।
10. मातृ मंदिर की ओर

**नोट :** कक्षा 10 के अर्धवार्षिक एवं प्री-बोर्ड व बोर्ड परीक्षा में कक्षा 9-10 के पाठ और व्याकरण को भी सम्मिलित किया जायेगा।

समस्त व्याकरण के अन्तर्गत निबन्ध, पत्र-लेखन, अपठित गद्यांश, कहानी लेखन, शब्द-भण्डार में दिए गए समस्त अभ्यास (पर्यायवाची, विलोम, वाक्यांश, मुहावरे, वाक्य परिवर्तन आदि) सम्मिलित हैं।

## MATHEMATICS

Book : **ICSE Mathematics - Book II** (S. Chand)

O.P. Malhotra, S.K. Gupta, Anubhuti Gangal

### FIRST TERM

#### Unit -1 : Commercial Mathematics

Chapter - 1 : Goods & Service Tax (GST)

Chapter - 2 : Banking

Chapter - 3 : Shares and Dividends

(Brokerage is not included)

**Unit - 2 : Algebra**

- Chapter - 4 : Linear Inequations in one Variable  
 Chapter - 5 : Quadratic Equations  
 Chapter - 6 : Ratio & Proportion  
 Chapter - 7 : Factor-Theorem - Factorization  
 Chapter - 8 : Matrices  
 Chapter - 9 : Arithmetic and Geometric Progression  
 Chapter - 10 : Reflection  
 Chapter - 11 : Co-Ordinate Geometry

**Unit - 6 : Statistics**

- Chapter - 18 : Arithmetic Mean, Median, Mode and Quartiles  
 Chapter - 19 : Histograms and Ogive

**Unit - 7 : Probability**

- Chapter - 20 : Probability

**Unit Test - I :**

- Chapter - 1 : Goods and Services Tax (G.S.T.)  
 Chapter - 2 : Banking  
 Chapter - 3 : Shares and Dividend

**Unit Test - II :**

- Chapter - 4 : Linear Inequation in One Variable  
 Chapter - 5 : Quadratic Equations is One Variable  
 Chapter - 6 : Ratio and Proportions  
 Chapter - 7 : Factor Theorem - Factorization

**SECOND TERM****Unit 3 : Geometry**

- Chapter - 12 : Similar Triangles  
 Chapter - 13 : Loci  
 Chapter - 14 : Circle

**Unit - 4 : Mensuration**

- Chapter - 15 : Three Dimensional Solids

**Unit - 5 : Trigonometry**

- Chapter - 16 : Trigonometrical Identities and Tables  
 Chapter - 17 : Heights and Distances

**Note :** Preliminary Examinations will include the entire syllabus.

**PHYSICS**

**Book : Concise Physics - X**

(Selina Publication)

**FIRST TERM**

1. Force
2. Work, Energy and Power
3. Machines
4. Refraction of light at plane surfaces
5. Refraction through lens
6. Spectrum
7. Sound
11. Calorimetry

**Unit Test - I :** 1. Force

**Unit Test - II :** 2. Work, Energy and Power  
 3. Machines  
 4. Refraction of light at plane surfaces

**SECOND TERM**

- |                        |                       |
|------------------------|-----------------------|
| 8. Current Electricity | 9. Household Circuits |
| 10. Electro-Magnetism  | 12. Radioactivity     |

**Note :** *Preliminary Examinations will include the entire syllabus.*

**CHEMISTRY**

**Book :** **ICSE Chemistry** - Allied Publication

**FIRST TERM**

- |                           |                         |
|---------------------------|-------------------------|
| 1. Periodic Table         | 2. Chemical Bonding     |
| 3. Acids, Bases and Salts | 4. Analytical Chemistry |
| 5. Mole Concept           | 6. Electrolysis         |
| 7. Hydrogen Chloride      | 8. Ammonia              |

**Unit Test - I :**

- 1) Periodic Table
- 2) Chemical Bonding

**Unit Test - II :**

- 1) Stoichiometry
- 2) Analytical Chemistry

**SECOND TERM**

- |                |                       |
|----------------|-----------------------|
| 9. Nitric Acid | 10. Sulphuric Acid    |
| 11. Metallurgy | 12. Organic Chemistry |

**Note :** *Preliminary Examinations will include the entire syllabus.*

**BIOLOGY**

**Book : Concise Biology -** [Selina Publication]

**FIRST TERM**

1. Structure of Chromosomes, Cell Cycle and Cell Division
2. Genetics - Some Basic Fundamentals
3. Absorption by Roots - The Processes involved
4. Transpiration
5. Photosynthesis
6. Chemical Co-ordination in Plants
7. The Circulatory System
8. The Excretory System

**Unit Test - I :**

1. Structure of Chromosome, Cell Cycle & Cell Division

**Unit Test - II :**

1. Genetics Some Basic Fundamentals
2. Absorption by Roots - The Processes involved

**SECOND TERM**

9. The Nervous System
10. Sense Organs
11. The Endocrine System
12. The Reproductive System
13. Human Evolution
14. Population : The Increasing Numbers and Rising Problems
15. Pollution : A Rising Environmental Problem

**Note :** *Scope of Syllabus 2024 to be consulted for details. Preliminary Examinations will include the entire syllabus.*

## HISTORY & CIVICS

Book : **Total History & Civics-10** (Morning Star)

### FIRST TERM

#### Civics :

1. The Union Parliament
2. The President and the Vice-President
3. Prime Minister and the Council of Ministers

#### Indian History :

1. The First War of Independence 1857
2. The Growth of Nationalism
3. First Phase of Indian National Movement
4. Second Phase of Indian National Movement
5. The Muslim League

#### The Contemporary World :

1. The First World War
2. Rise of Dictatorships
3. The Second World War
4. The United Nations
5. Major Agencies of United Nations
6. Non-Aligned Movement

#### Unit Test - I :

1. The First War of Independence, 1857
2. The Growth of Nationalism

#### Unit Test - II :

1. The Union Parliament
2. The President and the Vice-President

## SECOND TERM

#### Civics :

1. The Supreme Court
2. The High Courts and the Subordinate Courts

#### Indian History :

1. Mahatma Gandhi and the National Movement
2. Quit India Movement
3. Forward Bloc and The INA
4. Independence and Partition of India

**Note :** *Preliminary Examinations will include the entire syllabus.*

## GEOGRAPHY

Book : **1. Total Geography - 10** (Morning Star Pub.)  
Vol - I

**2. New Topographical Map** (Marina Pub.)

### FIRST TERM

#### SECTION - A

#### Survey Map :

1. Scale
2. Contour and their relief features
3. a) Conventional signs and symbols  
b) Important Terms  
c) Uses of colours on a survey map
4. Four figure grid reference or six figures grid reference
5. a) Drainage Pattern  
b) Settlement Pattern

**Map work :**

Mountains, plateaus, plains desert, rivers, water bodies, passes, latitude and longitude direction of winds, minerals, soils, Cities and Population.

**SECTION - B****Geography of India**

1. The Climate of India
2. Soils of India
3. Natural Vegetation of India
4. Water Resources
5. Mineral Resources
6. Conventional and Non-Conventional sources of energy
7. Agro - based industries of India : Sugar and Textile
8. Mineral - based industries : iron and steel, petrochemical and electronics
9. Transport

**Unit Test - I** : 1. Survey Map  
2. Map of India

**Unit Test - II** : 1. Climate  
2. Soils

**SECOND TERM****SECTION - A**

1. a) Area calculation
- b) Distance
- c) Direction

**SECTION - B**

1. Agriculture of India :
  - a) Indian agriculture : Importance Problems and Reforms
  - b) Types of farming in India : Subsistence and Commercial- Shifting Intensive, Extensive Plantation and Mixed.
  - c) Agricultural Seasons : Rabi, Kharif, Zayad
  - d) Climate conditions Soil requirements methods of cultivation processing and distribution of following crops :
    - Rice, Wheat, Millets and Pulses
    - Sugarcane oil seeds (groundnut mustard and soyabean)
    - Cotton, Jute, Tea and Coffee
2. Waste Management -
  - a) Impact of Waste Accumulation
  - b) Need for Waste Management
  - c) Methods of Safe Disposal
  - d) Needs and Methods for reducing reusing and recycling waste

**Note :** *Preliminary examinations will include the entire syllabus.*

**COMPUTER APPLICATIONS**

Book : **Total Computer Application** (Morning Star)

**FIRST TERM****1. Revision of Class - IX Syllabus**

- i) Introduction to Object Programming Concept
- ii) Elementary Concept of Objects and Classes
- iii) Values and Data Types

- iv) Operators in Java
- v) Input in Java
- vi) Mathematical Library Methods
- vii) Conditional Constructs in Java
- viii) Iterative Constructs in Java
- ix) Nested for Loops

## 2. Class as the Basic of all computation : Objects and classes

Objects encapsulate state and behavior - numerous examples; member variable; attributes or features. Variables define state; member methods; operations / methods / messages / methods define behaviour

## 3. User - Defined Methods

Need of methods, syntax of methods, forms of methods, methods definition, method calling, method overloading, declaration, Prototype

## 4. Library Classes

Introduction to Wrapper classes, methods of wrapper classes and their ways with respect to numeric and character data type. Autoboxing and Unboxing.

The following methods are to be covered :

- int parseInt (String s),
- long parseLong (String s),
- float parseFloat (String s),
- double parseDouble (String s),

## 5. Arrays

Definition, types, declaration, initialization, accepting data of single and double dimensional arrays, accessing the elements of single and double dimensional arrays.

### Unit Test - I :

1. Revision of class IX syllabus.
2. Class as the basic of all Computation objects.
3. User - Defined Methods.

- Unit Test - II :**
1. Arrays
  2. Library Classes

## SECOND TERM

### 1. String Handling

String class, methods of String class, implementation of String class methods using array, String methods mentioned in the syllabus.

### 2. Constructors

Definition, characteristics, types, use of constructors, overloading.

### 3. Encapsulation

Access specifies and its scope and visibility.

**Note :** Preliminary examinations will include the entire syllabus.

## COMMERCIAL APPLICATIONS

**Book :** ICSE Commercial Applications by C.B. Gupta  
(Goyal Brothers Prakashan)

### FIRST TERM

#### 1. Understanding the Basics of Market & Marketing :

- a) Meaning & Types of Market

- b) Marketing Mix
- c) Advertising & Brand Promotion.
- d) Sales and Selling Process.

## **2. Understanding Finance :**

- a) GAAP
- b) Financial Accounting & Reporting
- c) Banking & Bank Transactions
- d) Fundamental Concepts of Cost

**Unit Test - I :** 1. Meaning & Types of Markets  
2. Marketing Mix

**Unit Test - II :** 1. Advertising and Brand Promotion  
2. Sales and Selling Process.

## **SECOND TERM**

### **3. Understanding Human Resources :**

- a) Importance of Human Resources.
- b) Methods of Recruitment, Selection & Training.

### **4. Development of Public Relations :**

- a) Meaning, nature & scope of Public Relations.
- b) Elements of Public Relations, History & Ethics in Public Relations.

### **5. Issues of the Environment**

- a) Ecosystem & its destruction
- b) Environment Values and Ethics
- c) Consumer Education & Rights
- d) Community participation and contribution of Public awareness programmes

**Note :** Preliminary Examinations will include the entire syllabus.

## **MORAL SCIENCE**

**Book :** **Heart and Mind**

*Marina Publication Pvt. Ltd.*

### **FIRST TERM :**

- 1) Seeking Adult Assistance
- 2) Competition and Youth
- 3) Your Goal in Life
- 4) Cybercrime
- 5) Conquering Shyness
- 6) Manage Your Time
- 7) A Big Threat

### **SECOND TERM :**

- 8) You Can Do Anything
- 9) Challenges Are Opportunities
- 10) Fashion : Its Influence on Youth
- 11) Affirmations and Life
- 12) Germs of India
- 13) Global Icons

