

**PORTION FOR HALF YEARLY EXAM**  
**2020-21**  
**CLASS X**

**ENGLISH LANGUAGE**

**Compositions:** Descriptive, Narrative, Factual, Picture Composition

**Letter Writing:** Informal, Formal

**Email Writing**

**Notice Writing**

**Grammar:**

Degrees of Comparison

Tenses I ; Tenses II

Sequence of Tenses

Direct & Indirect Speech

Subject Verb Agreement

Active and Passive Voice

Prepositions

Synthesis

**Comprehension**

**ENGLISH LITERATURE**

**The Merchant of Venice:** Act III Scene 2 - 5

**Treasure Trove:** The Little Match Girl (Prose)

**Treasure Trove:** The Patriot (Poetry)

**Treasure Trove:** The Cold Within ( Poetry)(Revision)

**Treasure Trove:** The old man at the bridge (Prose)(Revision)

**Treasure Trove:** Chief Seattle's speech ( Prose) (Revision)

**Treasure Trove:** The Bangle Sellers (Poetry)(Revision)

**Treasure Trove:** The Heart of the three (Poetry) (Revision)

**MATHEMATICS**

2 Banking

4 Linear Inequation

9 Matrices

10 Arithmetic Progression

13 Section formula

5 & 6 Quadratic Equation

12 Reflection

14 Equation of a straight line.

22 Trigonometry

23 Heights & Distances

8 Remainder & Factor Theorem

**PHYSICS**

1. *FORCE*

2. *WORK ENERGY AND POWER*

3. *MACHINES*

4. *REFRACTION OF LIGHT AT PLANE SURFACES*

5. *REFRACTION OF LIGHT AT CURVED SURFACES (THROUGH LENS)*

6. *SPECTRUM*

## CHEMISTRY

1. Periodic properties & variations
2. Chemical bonding
3. Study of acids, bases and salts.
4. Analytical Chemistry
5. 5. Mole concept & Syotchiometry
6. Electrolysis
7. Metallurgy

## BIOLOGY

1. Cell cycle and Cell division
2. Structure of Chromosome
3. Genetics
4. Absorption by roots and Rise of water up to Xylem
5. Transpiration
6. Photosynthesis
7. Circulatory system.

## HISTORY & CIVICS

### **CIVICS**

#### **1. The Union Legislature**

#### **2. The Union Executive**

(a) The President.

(b) Prime Minister and Council of Ministers.

### **HISTORY**

#### **1. The Indian National Movement (1857 - 1917)**

(a) The First War of Independence, 1857.

(b) Factors leading to the growth of Nationalism.

(c) First Phase of the Indian National Movement (1885-1907)

#### **2. Mass Phase of the National Movement (1915-1947)**

(a) Mahatma Gandhi - Non-Cooperation Movement

(b) Forward Bloc (objectives) and INA (objectives and contribution of Subash Chandra Bose)

(c) Independence and Partition of India

The Mountbatten Plan (clauses and its acceptance); and the Indian Independence Act of 1947 (clauses only).

## GEOGRAPHY

1. Climate of India
  2. Soil of India
  3. Water resources
  4. Vegetation on India
  5. Minerals - Conventional and non conventional
  6. Agriculture in India
    - Food crops
    - Rice, wheat, oil seeds, sugarcane
- Map of India  
Topographical map

## COMPUTER APPLICATIONS

Chapter 1: Revising Basic Java Concepts

Chapter 2: Class as Basis of All Computation

Chapter 3: User Defined Method  
Chapter 4: Constructors  
Chapter 5: Using Library Classes  
Chapter 7: Arrays

### COMMERCIAL APPLICATIONS

- 1 Markets & Marketing
- 3 Advertising and brand promotion
- 4 Sales and selling process.
- 5 Generally accepted accounting principles
- 6 Financial accounting and reporting.
- 2 Marketing mix.

### HINDI

#### **साहित्य सागर:-**

1. विनय के पद (तुलसीदास)
  2. भेड़ें और भेवडए (हररशंकर परसाई)
- पाठ- साखी(कबीर दास),बात अठन्नी की (सुदशशन) काकी (वसयारामशरण गुप्त) पुनरिृवत के आधार पर।

#### **व्याकरण-**

विशेषण, िभाचक संज्ञा, िक्ंश के वलए एक शब्द ,मुहिरे ,विलोम शब्द ,पयाशयिाची शब्द , शुद्ध अशुद्ध शब्द ,िक् पररितशन, पत्र लेखन, अपवठत गद्ंश।