

## **CLASS X HALF-YEARLY EXAMINATION (2020-21)**

### **HALF YEARLY SYLLABUS 2020-21 ENGLISH STD X**

#### FIRST FLIGHT

1. AMANDA !
2. THE HUNDRED DRESSES PART I & II

#### FOOTPRINTS WITHOUT FEET

1. FOOTPRINTS WITHOUT FEET
2. THE MAKING OF A SCIENTIST

#### GRAMMAR

1. REPORTED SPEECH

**UT I & UT II SYLLABUS IS ALSO INCLUDED.**

### **Class X HALF YEARLY SYLLABUS**

Subject: Maths

1. REAL NUMBERS
2. POLYNOMIALS
3. LINEAR EQUATIONS IN TWO VARIABLES
4. ARITHMETIC PROGRESSION
5. TRIANGLES
6. COORDINATE GEOMETRY
7. INTRODUCTION TO TRIGONOMETRY

## 8. STATISTICS

### **Half yearly syllabus for Science class 10**

Chapter 1: Chemical reactions and equations

Chapter 2: Acids, bases and salts

Chapter 5: Periodic classification of elements

Chapter 6: Life processes

Chapter 8: How do organisms reproduce?

Chapter 9: Heredity & Evolution

Chapter 10: Light-Reflection & Refraction

Chapter 11- Human eye & the colourful world

**SOCIAL SCIENCE**

**CLASS 10**

**HISTORY**

NATIONALISM IN INDIA  
THE AGE OF INDISTRALIZATION

**GEOGRAPHY**

RESOURCES AND DEVELOPMENT  
WATER RESOURCES (Map work only)  
AGRICULTURE

**DEMOCRATIC POLITICS**

POWER SHARING  
FEDERALISM

**ECONOMICS**

THE STORY OF DEVELOPMENT  
SECTORS OF THE INDIAN ECONOMY

□ **UNIT TEST 1**

RESOURCES AND DEVELOPMENT  
POWER SHARING  
THE STORY OF DEVELOPMENT  
MAP WORK (GEOGRAPHY)

□ **UNIT TEST 2**

NATIONALISM IN INDIA  
WATER RESOURCES (Map Work Only)  
FEDERALISM  
SECTORS OF THE INDIAN ECONOMY

□ **HALF YEARLY EXAM**

**HISTORY**-NATIONALISM IN INDIA  
THE AGE OF INDISTRALIZATION  
**GEOGRAPHY**- RESOURCES AND DEVELOPMENT

WATER RESOURCES (Map Work Only)  
AGRICULTURE

**DEM POL**- POWER SHARING  
FEDERALISM

**ECONOMICS**- THE STORY OF DEVELOPMENT  
SECTORS OF THE INDIAN ECONOMY

**MAP WORK** (History and Geography)

**PROJECT WORK** – SOCIAL ISSUE **OR** SUSTAINABLE DEVELOPMENT **OR** CONSUMER  
AWARENESS

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**COMPUTER**  
**TERM1 – 2020-21**  
**SYLLABUS- Std. X**

1. Internet
  - a) Definition of internet
  - b) Features of Internet
  - c) Uses of Internet
  - d) Services of Internet
  - e) E-mail- it's feature, limitation, e-mail address
  - f) Search Engine and their URL
2. Cyber Safety
  - a) Cyber Attack
  - b) Safe Browsing
  - c) Probable Risk
    - (i) Data Safety
    - (ii) Cyber Safety
    - (iii) Identity Theft
    - (iv) Password – Password Protection
    - (v) Fake-Id
    - (vi) No Porn
  - d) Cyber Cops
  - e) Check before Post
  - f) Cyber Crime
    - (i) Cyber Troll
    - (ii) Cyber Bullying
    - (iii) Cyber Stalking
  - g) Safe On-line learning
  - h) How to stay safe online
    - (i) Do's
    - (ii) Don'ts
  - i) How to prevent and counter Cyberbullying

### 3. Societal Impact of IT

#### a) Major issues

- (i) Spamming
- (ii) Computer Viruses
- (iii) Worms
- (iv) Malware
- (v) Spyware
- (vi) Adware
- (vii) Trojan Horses
- (viii) Sweeper
- (ix) Denial of Services
- (x) Password Guessing
- (xi) Phishing

#### b) Hackers and Crackers

#### c) Viruses

- (i) How Viruses spread?
- (ii) Types of Viruses
- (iii) Damage caused by Viruses
- (iv) Virus Prevention
- (v) Anti-Virus Software