

CLASS 11

Subject- wise syllabus from 1 April 2020 to 15 May 2020

ENGLISH

Textbooks

- 1) Hornbill: English Reader N.C.E.R.T
- 2) Snapshots: Supplementary Reader N.C.E.R.T

Reader - Hornbill

1. The Portrait of A Lady
2. We're Not Afraid to Die...If We Can All Be Together
3. Discovering Tut: The Saga Continues
4. A Photograph (poem)

Supplementary Reader Snapshots

1. The Summer of the Beautiful White Horse
2. The Address

Writing Skills

1. Notice Writing
2. Letter to editor
3. Article Writing

MATHEMATICS

Textbook: N.C.E.R.T

Chapter 1: Sets

Chapter 2: Relations and Functions

Chapter 4: Principle of Mathematical Induction

Chapter 6: Linear Inequalities

Reference Books:

1. R.D. Sharma
2. M.L. Aggarwal Part 1 and Part 2

PHYSICS

Textbook: Physics part I and II. NCERT

Chapter 3: Motion in a Straight Line

Chapter 4: Motion in a Plane

CHEMISTRY

Textbooks: NCERT part I and II

Chapter 1: Some Basic Concepts of Chemistry

Chapter 2: Structure of Atom

BIOLOGY

Textbook: Biology – Textbook for Class XI (NCERT)

Unit 1: Diversity in the Living World

Chapter 1: The Living World

Chapter 2: Biological Classification

Chapter 3: Plant Kingdom

Chapter 4: Animal Kingdom

Unit III: Structure and Functions

Chapter 8: Cell: The Unit of Life

ENGINEERING GRAPHICS

Textbooks

- 1) Engineering Graphics Class XI CBSE
- 2) Engineering Graphics Class XI by FULL MARKS PVT LTD

Unit I: Plane Geometry

1. Lines, angles and rectilinear figures
2. Circles and tangents
3. Special curves: ellipse, parabola, involute, cycloid, helix and sine-curve

COMPUTER SCIENCE

Textbook

Computer science with python Text book for class XI by Sumita Arora

Chapter 1: Computer System Overview

Chapter 2: Data Representation

Chapter 5: Computational Thinking and Getting Started with Python

Chapter 6: Python Fundamentals

ECONOMICS

Part A: Statistics for Economics

Unit 1: Introduction

Unit 2: Collection, organisation and presentation of data

- Collection of data
- Organisation of data
- Presentation of data

(Tabular presentation and diagrammatic presentation of data: geometric forms i.e. bar diagrams and pie diagrams)

BUSINESS STUDIES

Textbook:

NCERT

Chapter 1: Nature and purpose of business

Chapter 2: Forms of business organisation

ACCOUNTANCY

Textbook:

Double Entry Book-keeping by T.S.Grewal (Sultan Chand)

Chapter 1: Introduction to Accounting

Chapter 2: Basic Accounting Terms

Chapter 5: Accounting Equation

INFORMATICS PRACTICES

Textbook:

Informatics Practices a text book for class XI by Sumita Arora

Chapter 1: Basic Computer Organization

Chapter 2: Data Representation- Basic Concept

Chapter 3: Getting Started with Python

Chapter 4: Python Fundamentals

GEOGRAPHY

Textbooks:

1) Fundamentals Of Physical Geography (N.C.E.R.T)

2) India: Physical Environment (N.C.E.R.T)

India: Physical Environment

Chapter 1: India – Location

Chapter 2: Structure and Physiography

Chapter 3: Drainage System

Chapter 4: Climate

Chapter 5: Natural Vegetation

PSYCHOLOGY

Textbook:

NCERT psychology class XI

Chapter 1- What is psychology?

Chapter 2- Methods of enquiry in psychology

Chapter 3- Bases of human behaviour

PHYSICAL EDUCATION

Textbook:

Physical Education based on latest CBSE syllabus (Ratna Sagar)

1) Changing Trends and career in Physical Education

2) Olympic Value Education

PAINTING

Chapter.1:Pre-Historic Rock Painting and Indus valley Art

Chapter.2: Buddhist, Jain and Hindu Art

Chapter.3: Temple Sculptures of Indian Art

Chapter.4: Introduction of Indian Bronzes

(Nature study and objects study, by pencil shading)