

Cambridge School, Indirapuram
Syllabus for First Term - 2020
Class XI

English

LITERATURE

1. The Portrait of a Lady
2. We're Not Afraid to Die
3. A Photograph
4. The Laburnum Top
5. Albert Einstein at School
6. Ranga's Marriage

WRITING

1. Notice
2. Letter of Complaint
3. Speech

GRAMMAR

1. Tenses
2. Jumbled Sentences
3. Voice (Active to Passive)

COMPREHENSION

Physics

Unit-1: Physical world and Measurement

Unit-2: Kinematics

Unit-3: Laws of Motion

Unit-4: Work, Energy and Power

Unit-6: Gravitation (Universal Law of Gravitation, acceleration due to gravity and it's variation with height and depth)

Chemistry

Unit-1 Some basic concepts of chemistry

Unit-2 Structure of atom

Unit-3 Classification of elements and periodicity in properties

Unit- 4 Chemical bonding and molecular structures

Unit- 5 States of matter

Unit- 8 Redox reactions

Accountancy

Ch-1 Introduction to Accounting

Ch-2 Basic Accounting terms

Ch-3 Theory base of Accounting, Accounting Standards and Indian Accounting Standards

Ch-4 Bases of Accounting

Ch-5 Accounting Equation
Ch-6 Accounting Procedures
Ch-7 Origin of transactions
Ch-8 Journal
Ch-9 Ledger
Ch-10 Cash Book

Business Studies

Ch-1 Evolution and fundamentals of business
Ch-2 Forms of business organization
Ch-3 Private, Public and Global enterprises
Ch-4 Business Services
Ch-7 Formation of a Company

Political Science

Indian Constitution at work:

CH.1 Constitution why and how ?
Ch:2 Rights in Indian Constitution
Ch:3 Election and representation
Ch:4 Legislature
Ch:5 Executive
Ch:6 Judiciary
Ch:9 Constitution as a living document
Ch:10 Philosophy of the Constitution

History

Ch:2 Early cities
Ch:3 An empire across three continents
Ch:4 Central Islamic Lands
Ch:6 Three orders
Ch:7 Changing cultural traditions

Biology

Ch2: Biological Classification
Ch3: Plant Kingdom
Ch4: Animal Kingdom
Ch7: Animal Tissues
Ch8: Cell
Ch9: Biomolecules
Ch10: Cell Cycle and Cell Division

Computer Science

Unit I: Computer Systems and Organisation
Unit II: Computational Thinking and Programming - 1
Flow of Control, String Handling

Economics

Part A: Statistics for Economics

Unit 1: Introduction

Unit 2: Collection, Organisation and Presentation of data

Part B: Introductory Microeconomics

Unit 4: Introduction

Unit 5: Consumer's Equilibrium and Demand

Unit 6: Supply

Unit 7: Simple Applications of Demand and Supply: Price ceiling, price floor.

Geography

Part A: Book I: Fundamentals of Physical Geography

Chapter 1- Geography as a Discipline

Chapter 3- The Interior of the Earth

Chapter 4- Distribution of Oceans and Continents

Chapter 5- Minerals and Rocks

Part B: Book II : India-Physical Environment

Chapter 1- India- Location

Chapter 3- Drainage system

Chapter 5- Natural vegetation

Chapter 6-Soils

Sociology

Book 1

L.1. Sociology and Society

L.2. Terms, Concepts and their Use in Sociology

L.3. Understanding Social Institutions

L.4. Culture and Socialisation*

Maths

1. Sets

2. Relations and functions

3. Trigonometric Functions

4. Complex numbers

5. Permutations and Combinations

6. Linear Inequalities

7. Sequences and series

8. Statistics

Informatics Practices

Unit 1: Introduction to Computer System

Unit 2: Introduction to Python

Psychology

Ch 1- What is Psychology?

Ch 2- Methods of Enquiry in Psychology

Ch 6- Learning

Ch 7- Human Memory

Commercial Art

- Prehistoric Art in India
- Art of Indus Valley
- Art During Mauryan, Shunga, Kushana and Gupta Periods
- Ajanta Caves