

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

English

LITERATURE

- 1.The Last Lesson
- 2.Lost Spring
- 3.Deep Water
- 4.The Rattrap
- 5.My Mother at sixty six
- 6.An Elementary School Classroom in a Slum
- 7.Keeping Quiet
- 8.The Enemy
9. The Third Level

WRITING

- 1.Notice
- 2.Letter to the Editor
- 3.Article

COMPREHENSION

Physics

- Unit-1: Electrostatics
Unit-2: Current Electricity
Unit-3: Magnetic effects of Electric Current and Magnetism
Unit-4: Electromagnetic Induction and Alternating Current
Unit-5: Electromagnetic Waves
Unit-7: Dual Nature of Matter and Radiations

Business Studies

Part A

- Ch-1 Nature and Significance of Management
Ch-2 Principles of Management
Ch-3 Business Environment
Ch-4 Planning
Ch-5 Organising
Ch-6 Staffing
Ch-7 Directing
Ch-8 Controlling

Part B

- Ch-1 Financial Management

History

Ch:1 Bricks,Beads and Bones
Ch:2 Kings, Farmers and Towns
Ch:3 Kinship, Caste and Class
Ch:4 Thinkers, Beliefs and Buildings
Ch:6 Bhakti -Sufi Traditions
Ch:7 An imperial capital Vijayanagara
Ch:9 Kings and Chronicles

Chemistry

Unit -1 Solid state
Unit- 2 Solutions
Unit- 3 Electrochemistry
Unit- 4 Chemical kinetics
Unit-10 Haloalkanes and Haloarenes
Unit -11 Alcohols,Phenols and Ethers
Unit-12 Aldehydes,Ketones and Carboxylic acid
Unit -13 Amines

Accountancy

Part I

Ch-1 Accounting of Not for profit Organizations
Ch-2 Fundamentals of Partnership
Ch-3 Goodwill: Nature and Valuation
Ch-4 Change in profit sharing ratio among the existing partners
Ch-5 Admission of a partner
Ch-6 Retirement of a partner
Ch-7 Death of a Partner
Ch-8 Dissolution of a Partnership Firm

Part II

Ch-1 Issue of Shares

Political Science

Part A Contemporary World Politics

Ch:1 Cold war era and non- aligned movement
Ch:2 The end of bipolarity
Ch:3 New centers of power
Ch:4 South Asia and the Contemporary world

Part B Politics in India since independence

Ch:5 Challenges of nation-building
Ch:6 Planned Development
Ch:7 India's foreign policy

Biology

Ch2: Sexual Reproduction in Flowering Plants

Ch3: Human Reproduction

Ch5: Principles of Inheritance and Variation

Ch6: Molecular Basis of Inheritance

Ch8: Human Health and Diseases

Ch10: Microbes in Human Welfare

Ch13: Organisms and Populations

Computer Science

Unit I: Computational Thinking and Programming - 2

- Revision of the basics of Python covered in Class XI
- Functions
- File handling

Unit II: Computer Networks

Unit III: Database Management

Economics

Part A: Introductory Macroeconomics

Unit 1: National Income and Related Aggregates

Unit 2: Money and Banking

Unit 3: Determination of Income and Employment

Unit 4: Government Budget and the Economy

Unit 5: Balance of Payments

Part B: Indian Economic Development

Unit 6: Development Experience (1947-90) and Economic Reforms since 1991

Unit 7: Current challenges facing Indian Economy (till Rural Development)

Geography

Part A– Fundamentals of Human Geography

Chapter 1- Human development-Nature and scope

Chapter 2- The world population distribution, density and growth

Chapter3- Population composition

Chapter4- Human development

Chapter5- Primary activities

Chapter7- Tertiary and quaternary activities

Chapter10- Human settlements

Sociology

Book1

L.2. The Demographic Structure of the Indian Society

L.3. Social Institutions: Continuity and Change

L.5. Patterns of Social Inequality and Exclusion

L.6. The Challenges of Cultural Diversity

Book 2

L.1. Structural Change

L.2. Cultural Change

L.4. Change and Development in Rural Society

Maths

1. Matrices

2. Determinants

3. Inverse Trigonometric Functions

4. Continuity and Differentiability

5. Application of Derivatives

6. Integrals

7. Application of Integrals

8. Differential Equations

9. Linear Programming

Informatics Practices

Unit 1: Data Handling using Pandas -I

Unit 2: Database Query using SQL

Unit 3: Introduction to Computer Networks

Unit 4: Societal Impacts

Psychology

Ch 1- Variations in Psychological attributes

Ch 2- Self and Personality

Ch 3- Meeting life challenges

Ch 4- Psychological disorders

Ch 5- Therapeutic Approaches

Commercial Art

*The Rajasthani School

* The Pahari School

* The Mughal School

* The Deccan School

* The Bengal School of Painting