

SEEDLING MODERN HIGH SCHOOL

CLASS – XI - SYLLABUS TERM-I 2020-21

ENGLISH

Prescribed Book	: Hornbill
	: Snapshots
	: BBC Compacta
Publisher	: NCERT & BBC
Literature	:
Hornbill Prose	Ch-1 The Portrait of a Lady Ch-2 We're not Afraid to Die Ch-3 Discovering Tut: The Saga Continues Ch-4 The Landscape of the Soul
Hornbill Poetry	P-1 A Photograph P-2 The Laburnum Top P-3 The Voice of the Rain
Snapshots	Ch-1 The Summer of The Beautiful White Horse Ch-2 The Address Ch-3 Ranga's Marriage Ch-4 Albert Einstein at School
Writing Skills	1 Note Making 2 Notice Writing 3 Poster 4 Speech Writing 5 Formal Letters (Complaint, Placing an Order, Enquiry) 6 Debate 7 Reading Unseen Passage
Grammar	1 Sentence Re-ordering 2 Transformation of Sentence 3 Gap filling (determiners, tenses)

MATHEMATICS

Prescribed Book	: 1. NCERT Text Book 2. Senior Secondary Mathematics
Publisher	: 2. BhartiBhawan

Syllabus :

- Chapter 1 : Set Theory
- Chapter 3 : Trigonometry
- Chapter 5 : Complex Numbers
- Chapter 6 : Linear Inequalities
- Chapter 12 : 3-Dimensional Coordinate Geometry
- Chapter 13 : Limits & Derivatives
- Chapter 2 : Relations and Functions

ECONOMICS

Prescribed Book : 1. **Statistics for Economics**
2. **Introductory Micro Economics**

Publisher : **V. K. Publications**

Part-A Statistics for Economics

- Chapter 1 : Concepts of Economics and Significance of Statistics in Economics
- Chapter 2 : Collection of Data
- Chapter 3 : Census and Sample Methods of Collection of Data
- Chapter 4 : Organisation of Data
- Chapter 5 : Presentation of Data
- Chapter 6 : Diagrammatic Presentation of Data (Bar and Pie diagram)
- Chapter 7 : Frequency Diagrams (Histogram, Polygon & Ogive)
- Chapter 8 : Arithmetic line Graph (Time series graph)
- Chapter 9 : Measures of Central Tendency (Arithmetic Mean)

Part-B Introductory Micro Economics

- Chapter 1 : Economics and Economy
- Chapter 2 : Central Problem of an Economy
- Chapter 3 : Consumers Equilibrium (Utility analysis)
- Chapter 4 : Consumers Equilibrium (IC analysis)
- Chapter 5 : Theory of Demand
- Chapter 6 : Price Elasticity of Demand

ACCOUNTANCY

Prescribed Book : **Financial Accounting- I (Volume I)**
Financial Accounting- II (Volume II)

Publisher : **Arya Book Depot**

Syllabus :

Part-A : (Financial Accounting - I)

- Chapter - 1 : Introduction to Accounting
- Chapter - 2 : Basic Accounting Terms
- Chapter - 4 : Process of Accounting and Basis of Accounting
- Chapter - 5 : Rules of Debit and Credit
- Chapter - 6 : Origin of Transactions and Preparations of Vouchers
- Chapter - 7A : Books of Original Entry - Journal
- Chapter - 7B : Goods & Service Tax & Journal based on GST
- Chapter - 8 : Books of Original Entry - Cash Book
- Chapter - 9 : Books of Original Entry- Subsidiary Book
- Chapter - 11 : Ledger
- Chapter - 12 : Trial Balance
- Chapter - 13 : Depreciation

BUSINESS STUDIES

Prescribed Book : **A Text Book of Business Studies**

Publisher : **NCERT**

Syllabus

Unit No.

- 1 : Nature and Purpose of Business
- 2 : Forms of Business Organization
- 3 : Public, Private and Global Enterprises
- 4 : Business Services
- 5 : Emerging Modes of Business
- 6 : Social Responsibilities of Business

PHYSICS

Prescribed Book : **1. Text Book of Physics for Class XI (Part I & II)**

: **2. Modern ABC of Physics**

: **3. Physics Practical Manual**

Publisher : **1. NCERT**

2. Modern Publishers

3. Arya Publications

Unit 1 : Physical World & Units of Measurement

Unit 2 : Kinematics

Unit 3 : Laws of Motion

Unit 4 : Work, Energy & Power

Unit 5 : Motion of System of particles & Rigid Body

CHEMISTRY

Prescribed Books : **1. A Text book of Chemistry Part I & II**

2. Comprehensive Chemistry

3. Comprehensive Practical Chemistry

Publisher : **1. NCERT**

2 & 3. Laxmi Publication

Chapter -1 : Some Basic Concepts of Chemistry

Chapter -2 : Structure of Atom

Chapter -3 : Classification of Elements & Periodicity in Properties.

Chapter -4 : Chemical Bonding & Molecular Structure

Chapter -5 : States of Matter

Chapter -6 : Thermodynamics

Chapter -9 : Hydrogen

BIOLOGY

Prescribed Book : **1. A Textbook of Biology**

2. Practical Lab Manual

Publishers : **1. NCERT**
2. Goyal Brothers

Syllabus :

Unit - I : **Diversity in The Living World**
Chapter 2 : Biological Classification
Chapter 3 : Plant Kingdom
Chapter 4 : Animal Kingdom

Unit - III : **Cell structure and function**
Chapter 8 : Cell - The Unit of Life
Chapter 10 : Cell Cycle and Cell Division

Unit - V : **Human Physiology**
Chapter 17 : Breathing and Exchange of Gases
Chapter 18 : Body Fluids and Circulation
Chapter 19 : Excretory Products & their Elimination
Chapter 20 : Locomotion and Movement
Chapter 21 : Neural Control and Coordination

INFORMATICS PRACTICES

Prescribed Book : **Text Book for Class XI**
Publisher : **NCERT**

Term-I Chapter-1 : Computer System
Chapter-3 : Brief overview of Python
Chapter-4 : Working with Lists & Dictionaries
Chapter-7 : Database concepts

ENTREPRENEURSHIP

Prescribed Book : **Entrepreneurship**
Publisher : **CBSE**
Unit 1 : Entrepreneurship - Concept & Functions
Unit 2 : An Entrepreneur
Unit 3 : Entrepreneurial Journey
Unit 4 : Entrepreneurship as Innovation and Problem
Project Work:: Market Survey on Existing Product with Innovation

COMMERCIAL ART

Prescribed Book : **History of Indian Art - Part-I**
Publisher : **Saraswati Publications**
Syllabus :
Chapter - 1 : Prehistoric Rock Paintings
Chapter - 2 : Art of Indus Valley
Chapter - 3 : Art of Mauryan Period
Chapter - 4 : Post Mauryan Trends in Indian Art and Architecture
Practical Exam : Practical - I - Lettering Lay out
Practical - II - Illustration

POLITICAL SCIENCE

Prescribed Book
SECTION - A : **INDIAN CONSTITUTION AT WORK**

SECTION - B : POLITICAL THEORY

Publisher : NCERT

Syllabus

SECTION - B

Chapter 1 : Political Theory
Chapter 2 : Freedom
Chapter 3 : Equality
Chapter 4 : Social Justice
Chapter 5 : Rights

SECTION - A

Chapter 1 : Constitution - When and How
Chapter 2 : Rights in Indian Constitution
Chapter 3 : Election & Representation
Chapter 4 : Executive
Chapter 5 : Legislative

HISTORY

Prescribed Book : THEMES IN WORLD HISTORY

Publisher : NCERT

Syllabus :

Ch 2 : Writing and City Life
Ch 3 : An Empire Across Three Continents
Ch 4 : The Central Islamic Lands
Ch 6 : The Three Orders
Ch 7 : Changing Cultural Traditions

PSYCHOLOGY

Prescribed Book : A Textbook of Psychology for class-XI

Publisher : NCERT CBSE

Syllabus :

Chapter - 1 : Variations in Psychological Attributes What is Psychology?
Chapter - 2 : Psychology- Methods of Enquiry
Chapter - 3 : The Bases of Human Behaviour
Chapter - 4 : Human Development
Chapter - 5 : Sensory, Attentional and Perceptual Process

SOCIOLOGY

Prescribed Book : 1. Understanding Society

Publisher : NCERT

Syllabus :

Chapter-2 : Social change and Social order in Rural and Urban Society
Chapter-4 : Introducing Western Sociologists
Chapter-5 : Indian Sociologists

Introducing Sociology

Chapter-1 : Sociology and Society
Chapter-2 : Terms Concepts and their use in Sociology
Chapter-3 : Understanding Social Institutions
Chapter-4 : Culture and Socialization

PHYSICAL EDUCATION

Prescribed Book : Health & Physical Education Class- XI

Publisher : **New Saraswati House (India) Pvt. Ltd.**
Syllabus :
[PA-I] Chapter-1 : Changing Trends and Career in Physical Education.
Chapter-2 : Olympic Value Education
Chapter-3 : Physical Fitness Wellness & Life Style
Chapter-4 : Physical Education and Sports for Differently abled
[Term-I]Chapter-5 : Yoga
Chapter-6 : Physical Activity & leadership training

APPLIED MATHS

Prescribed Book : **Text book of Applied Mathematics**
Publisher : **Goyal Brothers Prakashan**

[Term-I]

Chapter – 4 : Set Theory
Chapter – 5 : Relations
Chapter – 6 : Sequence and Series
Chapter – 7 : Permutation and Combinations
Chapter – 19 : Simple Interest
Chapter – 20 : Compound Interest