



**STEPHENS INTERNATIONAL  
PUBLIC SCHOOL**

**TERM 1 – SYLLABUS**

**CLASS XI (2021 – 22)**

# ENGLISH

## Reading Comprehension:

Unseen passage (factual, descriptive or literary/ discursive or persuasive)

Case Based Unseen (Factual) Passage

## Creative Writing Skills and Grammar:

- Short Writing Tasks
- Notice Writing

## Long Writing Tasks

- Business or Official Letters( Making enquiries, registering complaints, asking for or giving information, placing orders and sending replies)
- Speech

## Grammar

- Determiners
- Tenses
- Re-ordering of Sentences

{MCQs on Gap filling/ Transformation of Sentences}

## Literature:

Literary-prose/poetry extracts (seen- texts) comprehension and appreciation. **(Two Extracts)**

## Questions Based on Texts to assess

Comprehension and appreciation, analysis, inference, extrapolation

## Book-Hornbill:

- The Portrait of a Lady (*Prose*)
- A Photograph (*Poem*)
- "We're Not Afraid to Die... if We Can All Be Together" (*Prose*)
- Discovering Tut: the Saga Continues
- The Laburnum Top (*Poem*)
- Landscape of the Soul (*Prose*)

## Book-Snapshots:

- The Summer of the Beautiful White Horse(*Prose*)
- The Address (*Prose*)
- Ranga's Marriage (*Prose*)

# MATHEMATICS

## **Unit-I: Sets and Functions**

1. Sets
2. Relations & Functions

## **Unit-II: Algebra**

1. Complex Numbers and Quadratic Equations
2. Sequence and Series

## **Unit-III: Coordinate Geometry**

1. Straight Lines

## **Unit-IV: Calculus**

1. Limits

## **Unit-V: Statistics and Probability**

1. Statistics Measures of Dispersion

# PHYSICS

## **Unit 1 - Physical World and Measurement**

Chapter- 1: Physical World

Chapter- 2: Units and Measurements

## **Unit 2 - Kinematics**

Chapter- 3: Motion in a Straight Line

Chapter- 4: Motion in a Plane

## **Unit 3 - Laws of Motion**

Chapter- 5: Laws of Motion

## **Unit 4 - Work, Energy and Power**

Chapter-6: Work, Energy and Power

## **Unit 5 - Motion of System of Particles and Rigid Body**

Chapter-7: System of Particles and Rotational Motion

## **Unit 6 - Gravitation**

Chapter-8: Gravitation

# **CHEMISTRY**

**Unit - Some Basic Concepts of Chemistry:**

**Unit - Structure of Atom:**

**Unit - Classification of Elements and Periodicity in Properties:**

**Unit - Chemical Bonding and Molecular Structure:**

**Unit - Redox Reactions:**

**Unit - Hydrogen:**

**Unit - Organic Chemistry: Some basic Principles and Techniques**

# **BIOLOGY**

## **Unit-I Diversity of Living Organisms**

Chapter-1: The Living World

Chapter-2: Biological Classification

Chapter-3: Plant Kingdom

Chapter-4: Animal Kingdom

## **Unit-II Structural Organization in Animals and Plants**

Chapter-5: Morphology of Flowering Plants

Chapter-7: Structural Organization in Animals

## **Unit-III Cell: Structure and Function**

Chapter-8: Cell-The Unit of Life

Chapter-9: Biomolecules

# **BUSINESS STUDIES**

## **Part A: Foundation of Business**

**Unit 1:** Evolution and Fundamentals of Business

**Unit 2:** Forms of Business organizations

**Unit 3:** Public, Private and Global Enterprises

**Unit 4:** Business Services

**Unit 5:** Emerging Modes of Business

**Unit 6:** Social Responsibility of Business and Business Ethics

# ACCOUNTANCY

## PART A: FINANCIAL ACCOUNTING - I

### Unit-1: Theoretical Framework

Introduction to Accounting

Theory Base of Accounting

### Unit-2: Accounting Process

Recording of Business Transactions

***Note: Including trade discount, freight and cartage expenses for simple GST calculation.***

Bank Reconciliation Statement:

Depreciation, Provisions and Reserves

***Note: Excluding change of method***



# **ECONOMICS**

## **Part A: Statistics for Economics**

Unit 1: Introduction

Unit 2: Collection, Organization and Presentation of data

Unit 3: Statistical Tools and Interpretation

## **Part B: Introductory Microeconomics**

Unit 4: Introduction

Unit 5: Consumer's Equilibrium and Demand

# **HISTORY**

Theme 2 - Writing and City Life

Theme 3 - An Empire across Three Continents

Theme 4 - Central Islamic lands

Theme 6 - The Three Orders

# **POLITICAL SCIENCE**

## **Part A: Indian Constitution at Work**

- Constitution
- Election and Representation
- Local Government

## **Part B: Political Theory**

- Political Theory: An Introduction
- Rights
- Development

# COMPUTER SCIENCE

## **Unit I: Computer Systems and Organisation**

1. Basic Computer Organization:
2. Types of software:
3. Operating system (OS):
4. Boolean logic:
5. Number system:
6. Encoding schemes:

## **Unit II: Computational Thinking and Programming – 1**

1. Introduction to problem solving:
2. Knowledge of data types:
3. Operators:
4. Expressions, statement, type conversion & input/output:
5. Errors:
6. Flow of control:
7. Conditional statements:
8. Iterative statements:
9. Strings:

# **PHYSICAL EDUCATION**

**\* Syllabus not uploaded by CBSE**

# **HINDUSTANI VOCAL MUSIC**

**Unit 1** - Brief study of the following: Nada, Shruti, Swar, Saptak.

**Unit 2** - Brief History of the following: Raga, Khayal

**Unit 3** - Brief study of Musical Elements in Natya Shastra

**Unit 4** - Description of the following prescribed Talas along with Tala Notation in Thah, Dugun and Chaugun: Teentala, Ektala.

**Unit 5** - Critical study and writing in Notation the compositions of prescribed Ragas along with recognizing the Ragas from phrases of Swaras and elaborating them: Bihag, Bhairavi

## **APPLIED / COMMERCIAL ARTS**

1. Pre-Historic Rock-Paintings and Art of Indus Valley
2. Buddhist, Jain and Hindu Art