

HALF YEARLY SYLLABUS
SESSION 2018-19
CLASS 11

SUBJECT: ENGLISH

1. The Portrait of a lady (Hornbill)
2. The Summer of the Beautiful White Horse. (Snapshot)
3. A Photograph (Poem) (Hornbill)
4. Discovering Tut. (Hornbill)
5. The voice of the Rain (Poem) (Hornbill)
6. Landscape of the soul (Hornbill)
7. The Address (Snapshot)
8. Ranga's Marriage (Snapshot)
9. We're not afraid to Die if ----- (Hornbill)
10. Advanced writing skill:
 - a. Autobiography
 - b. Report writing /Article writing.
 - c. Notice Writing
 - d. Letter writing (Formal)
11. Integrated grammar.
 - a. Error Correction, editing tasks
 - b. Re – ordering of sentences
 - c. Transformation of sentences

SUBJECT: MATHS

S.No	Name of the topic
1	Sets
2	Relations and functions
3	Trigonometric functions
4	Principles of mathematical induction
5	Complex number and quadratic equations
6	Permutations and combinations

SUBJECT: COMPUTER SCIENCE

Theory:

1. Computer Overview
2. Software Concepts
3. Data Representation
4. Microprocessor Basics and Memory Concepts
5. General OOP Concepts
6. Getting Started with C++
7. Data Handling
8. Operators & Expressions in C++

Practical:

2 Basic Programs on C++

Practical Record

Viva-Voice

SUBJECT: CHEMISTRY

1. Some Basic Concepts of Chemistry
2. Structure of Atom
3. Classification of Elements and Periodicity in Properties
4. The s-Block Elements
5. The p-Block Elements
6. Redox Reactions
7. Chemical Bonding and Molecular Structure (till limitations of octet rule)

SUBJECT: BIOLOGY

Unit	Name of Unit	Name of the Chapters	Practical
1	Diversity in the Living World	<ol style="list-style-type: none">1. The Living World2. Biological Classification3. Plant kingdom4. Animal kingdom	Spotting of slides and specimens
2	Structural organisation in Plants and animals	<ol style="list-style-type: none">5. Morphology of Flowering Plants6. Anatomy of Flowering Plants7. Structural Organisation in Animals	Spotting of slides and specimens, Dissection, demonstration
3	Structure and Functions	<ol style="list-style-type: none">8. Cell: The Unit of Life9. Biomolecules10. Cell cycle and Cell Division	Performing the tests for biomolecules

SUBJECT: PHYSICS

1. Physical World
2. Units and Measurements
3. Motion in a Straight Line
4. Motion in a Plane
5. Laws of Motion
6. Gravitation
7. Work, Energy and Power

SUBJECT: PSYCHOLOGY

Chapter 1- What Is Psychology

Chapter 2- Methods of Enquiry in Psychology

Chapter 3- The bases of Human Behaviour

Chapter 4- Human Development

SUBJECT: HOME SCIENCE

1. Concept of Home Science and its scope
2. Human Development: Life span approach
3. Food, Nutrition, Health and fitness

SUBJECT: ECONOMICS

Unit 1: Introduction

Unit 2: Consumer's Equilibrium and Demand

Unit 3: Introduction to Statistics

Unit 4: Collection, Organization and Presentation of data

SUBJECT: ENTREPRENEURSHIP

Unit 1: Entrepreneurship - What, Why and How

Unit 2: An Entrepreneur

Unit 3: Entrepreneurial Journey

Unit 4: Entrepreneurship as Innovation and Problem Solving

SUBJECT: MASS MEDIA

Unit 1: Introduction to Mass Communication (Chapters 1 to 5)

Unit 2: Understanding Fiction and Non-Fiction (Chapters 1 to 6)

Unit 3: Evolution of the Media in India (Chapters 1 to 2)

SUBJECT: BUSINESS STUDIES

Unit 1: Nature and Purpose 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

SUBJECT: ACCOUNTANCY

Chapter 1- Introduction to Accounting

Chapter 2- Theory base of Accounting

Chapter 3- Recording of Transactions - |

Chapter 4- Recording of Transactions- ||

Chapter 6- Trial Balance & Rectification of Errors

SUBJECT: COMMERCIAL ART

Theory

Prehistoric rock paintings and Art of Indus Valley.

Practical

1) Drawing

2) Lettering