

SYLLABUS CLASS XI

HALF- YEARLY 2019-20

1.Subject:English Core

Section A Reading Comprehension

Unseen Passage , Unseen Poem

Section B Writing Skills, Grammar

Notice ,Classified advertisement (Situation Vacant),Letter to the Editor, Letter of Enquiry, Letter of Placing Order, Job Application with Biodata, Writing a speech, Writing an article, Writing a debate, Reported Speech, Determiners, Active and passive voice, Tenses

Section C Literature

HORNBILL:

Prose: The Portrait of a Lady , We're not Afraid to Die..., Discovering Tut: The Saga Continues, Landscape of the Soul

Poetry: Aphotograph, The Laburnum Top, SNAPSHOTS: The Summer of the Beautiful White Horse, The Address, Ranga's Marriage

2.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. Work, Energy and Power

3.Subject- Chemistry

Unit 1. Some Basic Concepts of Chemistry

Unit 2. Structure Of atom

Unit 3. Classification of element & Periodicity in properties

Unit4. Chemical Bonding Unit 5 States of matter: Gases & liquids

4.Subject- Biology

Chapter 1The Living world

Chapter 2 Biological classification

Chapter 3 Plant Kingdom

Chapter 4 Animal Kingdom

Chapter 5 Morphology of flowering plants.

Chapter6 Anatomy of flowering plants

Chapter 7 Structural Organisation in Animals

Chapter 8 Cell the unit of life

Chapter 10 Cell cycle and cell division

5.Subject- Maths

Chapter1 Sets

Chapter 2 Relation and Functions

Chapter 3 Trigonometry

Chapter 4 Mathematical Induction

Chapter 5 Complex number and quadratic equations (including supplementary)

Chapter 6 Linear Inequality

Chapter 15 Statistics

6.Subject-COMPUTER SCIENCE

- GETTING STARTED WITH C++ (KEYWORDS,IDENTIFIERS,LITERALS,PUNCTUATORS)

- DATA TYPES IN C++(CHAR,INT,FLOAT AND BYTES CONSUMED)

- ROLE OF COMPILER.

BASIC C++ PROGRAMMING(USE OF CIN & COUT STATEMENTS)

C++ PROGRAMS WITH USE OF FORMULAE

C++ PROGRAMS WITH RELATIONAL AND LOGICAL OPERATORS.

USE OF IF ELSE STATEMENTS, USE OF UNARY OPERATORS, USE OF SWITCH CASE STATEMENTS

FLOW OF CONTROL, USE OF ITERATION STATEMENTS: for, while,

STRINGS, OUT PUT FINDING QUESTIONS USING SINGLE LOOP AND NESTED LOOP

WRITING PROGRAMS , FINDING ERRORS AND CORRECTING

THEORY QUESTIONS BASED ON CONCEPTS

7. Informatics Practices

1. Getting started with Python

2. Python Programming Fundamental

3. Conditional and Looping constructs

4. Strings in Python

5. List Manipulation

8.Subject-Psychology

Ch 1. What is Psychology

Ch2. Methods of Enquiry in Psychology

Ch 3. The Bases of Human Behaviour

Ch 4. Human Development

Ch 5. Sensory, Attentional and Perceptual Processes

9.SUBJECT : HOME SCIENCE

Ch 2: Understanding the Self

Ch 6: Food, Nutrition, Health and Fitness

Ch 7:Food Groups and Selection of Foods

Ch 3:Influence of Biological and Physical Changes on Identity

Ch 4: Influence of Socio-cultural and Emotional Changes on Identity

Ch 5: Influence of Cognitive Changes on Identity

Ch 8: Diet for Adolescents

Ch 9: Management

Ch 10:Management of Resources

Ch 11:Classification and Properties of Fabrics

Ch 12: Yarn and Fabric Production

Ch 13: Textile Finishing

Ch 14: Understanding Family, Community and Society

Ch 15:Nutrition, Health and Hygiene

Ch 16: Management of Space

10. Physical Education

Unit 1- Changing Trends & Career in Physical Education

Unit 2- Olympic Value Education

Unit 3- Physical Fitness, Wellness & Lifestyle

Unit 4- Physical Education & Sports for CWSN (Children with Special Needs)

Unit 5- Yoga

Unit 6- Physical Activity & Leadership Training