



AIR FORCE GOLDEN JUBILEE INSTITUTE

SYLLABUS 2023-24

CLASS – XI

ENGLISH



TERM I (APRIL - SEPTEMBER)

PERIODIC TEST – I

Reading Comprehension: (Descriptive & Case based)

Literature - Hornbill: The Portrait of a Lady, We're Not Afraid to Die... if We Can All Be Together

Poems : A Photograph, The Laburnum Top

Snapshots: The Summer of the Beautiful White Horse, The Address

Creative Writing Skills: Speech, Poster, Classified Advertisements

Grammar : Tenses, Clauses (Integrated Grammar)

MID TERM (EXAM)

Reading Comprehension: (Descriptive & Case based), Note-Making and Summary

Hornbill: The Portrait of a Lady, We're Not Afraid to Die... If We Can All Be Together
Discovering Tut : the Saga Continues

Poem : A Photograph, Laburnum Top, The Voice of the Rain

Snapshots: The Summer of the Beautiful White Horse, The Address, Mother's Day

Creative Writing Skills: Classified Advertisements, Poster, Speech, Debate

Grammar : Tenses, Clauses -(Integrated Grammar)

TERM II (OCTOBER - MARCH)

PERIODIC TEST – II

Reading Comprehension (Descriptive & Case based), Note-Making and Summary

Hornbill: Discovering Tut : the Saga Continues, The Adventure

Poem: The Voice of the Rain, Childhood

Snapshots: Birth, Mother's Day

Creative Writing Skills: Classified Advertisements, Poster, Debate, Speech

Grammar : Tenses, Clauses (Transformation of sentences/Reordering of Sentences, Gap filling)

FINAL TERM (EXAM)

Reading Comprehension: Two Passages (Descriptive & Case based) Note-Making and Summary

Hornbill: The Portrait of a Lady, We're Not Afraid to Die... If We Can All Be Together, Discovering Tut: the Saga Continues, The Adventure, Silk Road

Poem: A Photograph, The Laburnum Top, The Voice of the Rain, Childhood, Father to Son

Snapshots: The Summer of the Beautiful White Horse, The Address, Mother's Day, Birth, The Tale of Melon City

Creative Writing Skills: Poster, Classified Advertisements, Debate, Speech

Grammar : Tenses, Clauses (Transformation of sentences/Reordering of Sentences, Gap filling)

PHYSICS

TERM I (APRIL - SEPTEMBER)

PERIODIC TEST – I

Chapter–1 Units and Measurement

Chapter–2: Motion in a Straight Line

MID TERM (EXAM)

Chapter-1 Units and Measurements
Chapter-2: Motion in a Straight Line
Chapter-3 Motion in a Plane
Chapter-4: Law of motion
Chapter- 5 : Work, energy and Power
Chapter 6- System of Particles and Rotational Motion
Chapter 7; Gravitation

TERM II (OCTOBER -MARCH)

PERIODIC TEST - II

Chapter-8: Mechanical Properties of Solids
Chapter 9: Mechanical Properties of Fluids

FINAL TERM (EXAM)

All Chapters

CHEMISTRY

TERM I (APRIL - SEPTEMBER)

Periodic Test - I

UNIT -1: SOME BASIC CONCEPTS IN CHEMISTRY
UNIT -7: REDOX REACTIONS

MID TERM (EXAM)

UNIT -1: SOME BASIC CONCEPTS IN CHEMISTRY
UNIT -7: REDOX REACTIONS
UNIT -2: STRUCTURE OF ATOM
UNIT -3: CLASSIFICATION OF ELEMENTS AND PERIODICITY IN PROPERTIES

UNIT -4: CHEMICAL BONDING

TERM II (OCTOBER - MARCH)

Periodic Test -II

UNIT-5: CHEMICAL
THERMODYNAMICS
UNIT -6: EQUILIBRIUM

ANNUAL (EXAM)

UNIT -1: SOME BASIC CONCEPTS IN CHEMISTRY

UNIT -2: STRUCTURE OF ATOM

UNIT -3: CLASSIFICATION OF ELEMENTS AND PERIODICITY IN PROPERTIES

UNIT -4: CHEMICAL BONDING

UNIT-5: CHEMICAL THERMODYNAMICS

UNIT -6: EQUILIBRIUM

UNIT -7 : REDOX REACTIONS

UNIT-8: ORGANIC CHEMISTRY- SOME BASIC PRINCIPLES AND TECHNIQUES

UNIT-9: HYDROCARBONS

BIOLOGY

TERM I (APRIL- SEPTEMBER)

PERIODIC TEST – I

UNIT I_ DIVERSITY IN THE LIVING WORLD

CH 1: The Living World

CH 2: Biological Classification

CH 3: Plant Kingdom

CH 4: Animal Kingdom

UNIT II STRUCTURAL ORGANIZATION IN PLANTS & ANIMALS

CH 5: Morphology of Flowering Plants

CH 6: Anatomy of Flowering Plants

CH 7: Structural Organization in Animals

UNIT III CELL STRUCTURE & FUNCTION

CH 8: Cell, The unit of life

CH 9: Biomolecules

CH 10: Cell cycle & Cell division

MID TERM (EXAM)

CHAPTER 1 TO CHAPTER 10

TERM II (OCTOBER - MARCH)

UNIT IV (PLANT PHYSIOLOGY)

CH 11: Photosynthesis in Higher Plants

CH 12: Respiration in Plants

CH 13: Plant Growth & Development

UNIT V (HUMAN PHYSIOLOGY)

CH 14: Breathing & Exchange of Gases

CH 15: Body fluids & circulation

CH 16: Excretory products & their elimination

CH 17: Locomotion & Movement

CH 18: Neural Control & Coordination

CH 19: Chemical Coordination and Integration

Periodic Test –II

CH 13: Plant Growth & Development

CH 14: Breathing & Exchange of Gases

ANNUAL (EXAM)

Complete syllabus

COMPUTER SCIENCE

TERM I (APRIL- SEPTEMBER)

PERIODIC TEST – I

Chapter 1 : Computer System

Chapter 4: Introduction to Problem Solving

Chapter 5 : Getting Started with Python

MID TERM (EXAM)

Chapter 2: Encoding Schemes and Number Systems

Chapter 4: Introduction to Problem Solving

Chapter 5 : Getting Started with Python

Chapter 6 : Flow of Control

TERM II (OCTOBER- MARCH)

PERIODIC TEST – II

Chapter 6 : Flow of control
Chapter 8: Strings

FINAL TERM (EXAM)

Chapter 2: Encoding Schemes and Number Systems
Chapter 3: Emerging Trends
Chapter 4: Introduction to Problem Solving
Chapter 5 : Getting Started with Python
Chapter 6 : Flow of Control
Chapter 7 : Functions
Chapter 8: Strings
Chapter 9 : Lists
Chapter 10: Tuples and Dictionaries
Chapter 11: Societal Impact

ECONOMICS

TERM I (APRIL – SEPTEMBER)

PERIODIC TEST – I

Micro Economics :

Chapter 1 : Introduction
Chapter 2 : Consumer Equilibrium (upto Utility Analysis)

Statistics :

Chapter 1 : Meaning ,definition,functions importance of statistics in economics

MID TERM (EXAM)

Micro Economics :

Chapter 1 : Introduction
Chapter 2 : Consumer Equilibrium
Chapter 3 : Demand
Chapter 4 : Elasticity of Demand

Statistics :

Chapter 1 : Meaning ,definition,functions importance of statistics in economics
Chapter 2 : Collection,Organisation ,and Presentation of Data
Chapter 3 : Measures of Central tendencies- Mean

TERM II (OCTOBER -MARCH)

PERIODIC TEST – II

Micro Economics :

Chapter 5 : Production Function

Chapter 6 : Cost

Statistics :

Measures of central tendencies - Median and Mode

FINAL TERM (EXAM)

Micro Economics :

Chapter 1 : Introduction

Chapter 2 : Consumer Equilibrium

Chapter 3 : Demand

Chapter 4 : Elasticity of Demand

Chapter 5 : Production Function

Chapter 6 : Cost

Chapter 7 : Revenue

Chapter 8 : Producer's Equilibrium

Chapter 9 : Supply

Chapter 10 : Main Market Forms

Chapter 11 : Price Determination with Simple Application

Statistics :

As per CBSE Complete syllabus

MATHEMATICS

TERM I (APRIL - SEPTEMBER)

PERIODIC TEST - I

Chapter 1: Sets

Chapter 2: Relations and Functions

Chapter 4 : Complex Numbers and Quadratic Equations

MID TERM (EXAM)

Chapter 1: Sets

Chapter 2: Relations and Functions

Chapter 3: Trigonometric Functions

Chapter 4: Complex Numbers and Quadratic Equations

Chapter 5: Linear Inequalities

Chapter 6: Permutation and Combinations

TERM II (OCTOBER- MARCH)

PERIODIC TEST - II

Chapter 7: Binomial Theorem
Chapter 8: Sequence and Series
Chapter 9: Straight Lines

FINAL TERM (EXAM)

Chapter 1,2,3,5,6,7,8,9,10,11,12,13,15 and 16

PSYCHOLOGY

TERM I (APRIL- SEPTEMBER)

PERIODIC TEST – I

- Chapter 1- What is Psychology?
- Chapter 2- Methods of Enquiry

MID TERM (EXAM)

- Chapter 1- What is Psychology?
- Chapter 2- Methods of Enquiry
- Chapter 4- Human Development
- Chapter 5—Sensory, Attention and Perceptual Processes
- Chapter 7- Human Memory

TERM II (OCTOBER- MARCH)

PERIODIC TEST – II

- Chapter 6- Learning
- Chapter 7 – Human Memory

FINAL TERM (EXAM)

- Chapter 1- What is Psychology?
 - Chapter 2- Methods of Enquiry
 - Chapter 4- Human Development
 - Chapter 5—Sensory, Attention and Perceptual Processes
 - Chapter 6- Learning
 - Chapter 7- Human Memory
 - Chapter 8- Thinking
 - Chapter 9- Motivation and Emotion
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