

Class XI Syllabus: Session 2023-2024

ENGLISH LANGUAGE:-

UNIT TEST-1

1. Composition
2. Transformation of sentences
- 3.

HALF-YEARLY

1. Composition (400-450 words)
2. Directed Writing (250-300 words)
Report writing and Book review
3. Grammar - Transformation of sentences, Phrasal verbs and verb/tense passage
4. Unseen passage

UNIT TEST-2

1. Proposal Writing
2. Grammar

ANNUAL

1. Composition (400-450 words)
2. Directed Writing (250-300 words)
Report writing and Book review

3. Proposal writing
4. Grammar - Transformation of sentences, Phrasal verbs and verb/tense passage
5. Unseen passage

ENGLISH LITERATURE:-

UNIT TEST-1

Story- A Living God (Chapter 1)

HALF-YEARLY

Macbeth - Act I

Stories - A Living God (Chapter 1)

The Great Automatic Grammatizator (Chapter 4)

Poems - Abhisara : The Tryst

Why I like the Hospital

Sonnet 116

UNIT TEST-2

1. Advice to Youth (Story)
2. Death of a Naturalist (Poem)

ANNUAL

Macbeth - Act I & II

Stories - A Living God

The Great Automatic Grammatizator

Advice to Youth

The Paper Menagerie

Thank you, Ma'am

Poems - Abhisara : The Tryst

Why I like the Hospital

Sonnet 116

Death of a Naturalist

Strange Meeting

PHYSICS

Unit Test 1

Ch.3 Dimensional Analysis

Half-Yearly Examination

Ch. 4 Motion in a Straight Line

Ch. 5 Motion in a Plane

Ch.6 Newton's Laws of Motion

Ch.8 Uniform Circular Motion

Ch.9 Work, Energy and Power

Ch.11 Rotational Motion of a Rigid Body: Moment of Inertia

Ch.12 Gravitation: Planets and Satellites

Ch.13 Elasticity

Ch.17 Thermal Properties of Matter

Unit Test 2

Ch.15 Flow of Liquids

Ch.16 Surface Tension

Annual Examination

Ch.18 Heat Transfer

Ch.19 Thermodynamics

Ch.20 Isothermal and Adiabatic Processes

Ch.22 Behaviour of Perfect Gas and Kinetic Theory of Gases

Ch.23 Simple Harmonic Motion

Ch.24 Free, Damped and Forced Oscillations

Ch.25 Waves

Ch.26 Wave Motion

Ch.27 Superposition of Waves-1 : Interference and Beats

**Ch.28 Superposition of Waves-2 : Stationary (Standing) Waves:
Vibration of Air Columns**

Ch.29 Vibration of Stretched Strings

Ch.30 Doppler Effect

CHEMISTRY

UNIT TEST 1

CH 1. SOME BASIC CONCEPTS OF CHEMISTRY

HALF YEARLY

CH 1. SOME BASIC CONCEPTS OF CHEMISTRY

CH 2. STRUCTURE OF ATOM

CH 5. STATES OF MATTER : GASES AND LIQUIDS.

CH 9. HYDROGEN

CH 10. s-BLOCK ELEMENTS

CH 13. HYDROCARBONS

UNIT TEST 2

CH 3 . Classification of elements and periodicity in properties

CH 8. REDOX REACTIONS

ANNUAL EXAMS

CH 1. SOME BASIC CONCEPTS OF CHEMISTRY

CH 5. STATES OF MATTER :GASES AND LIQUIDS

CH 9 . HYDROGEN .

CH 3. CLASSIFICATION OF ELEMENTS AND PERIODICITY IN PROPERTIES

CH 4. CHEMICAL BONDING AND MOLECULAR STRUCTURE

CH 6. CHEMICAL THERMODYNAMICS

CH 8. REDOX REACTIONS

CH 11. SOME p - BLOCK ELEMENTS

CH 12. ORGANIC CHEMISTRY :SOME BASIC PRINCIPLES AND TECHNIQUES

MATHEMATICS:-

UNIT TEST-1

(Section A)

(VOLUME 1)

Ch-1 Sets

Ch-2 Relations and functions

HALF YEARLY

Ch-3 Trigonometry

Ch-4 Principle of mathematical induction

Ch-5 Complex numbers

Ch-6 Quadratic equations

Ch-7 Linear and quadratic inequalities

Ch-8 Permutations and combinations

(Section B)

(VOLUME 2)

Ch-1 Conic sections

Ch-2 Introduction to three dimensional geometry

(Section-C)

Ch-1 Statistics

Ch-2 Correlation analysis

UNIT TEST 2

(Section-A)

(VOLUME 2)

Ch-9 Binomial theorem

Ch-10 Sequences and series

ANNUAL

Ch-11 Straight lines

Ch-12 Circles

Ch-13 Limits and derivatives

Ch-14 Statistics

Ch-15 Probability

(Section-B)

(VOLUME 2)

CH-3 Mathematical reasoning

(Section- C)

Ch-3 Index no. and moving averages

BIOLOGY:-

UNIT TEST-1

CH – 1 : THE LIVING WORLD

CH – 2 : BIOLOGICAL CLASSIFICATION

HALF YEARLY

CH – 3 : PLANT KINGDOM

CH – 4 : ANIMAL KINGDOM

CH – 5 : MORPHOLOGY OF FLOWERING PLANTS

CH – 6 : ANATOMY OF FLOWERING PLANTS

CH – 7 : STRUCTURAL ORGANISATION IN ANIMALS

CH – 8 : THE UNIT OF LIFE

CH – 9 : BIOMOLECULES

CH – 10 : CELL CYCLE AND CELL DIVISION

UNIT TEST-2

CH – 11 : TRANSPORT IN PLANT

CH – 12 : MINERAL NUTRITION

ANNUAL

CH – 13 : PHOTOSYNTHESES IN HIGHER PLANTS

CH – 14 : RESPIRATION IN PLANTS

CH – 15 : PLANT GROWTH AND DEVELOPMENT

CH – 16 : DIGESTION AND ABSORPTION

CH – 17 : BREATHING AND EXCHANGE OF GASES

CH – 18 : BODY FLUIDS AND CIRCULATION

CH – 19 : EXCRETORY PRODUCTS AND THEIR ELIMINATION

CH – 20 : LOCOMOTION AND MOVEMENT

CH – 21 : NEURAL CONTROL AND CO-ORDINATION

CH – 22 : CHEMICAL CO-ORDINATION AND INTEGRATION

BIOTECH

UNIT TEST 1

Cell and its organelles

Cell cycle

Cell division

Mitosis and meiosis

Crossing over

Half yearly

CH- 1

CH-2

CH-3

CH-4

CH-5

UNIT TEST 2

CH- 6

CH-7

ANNUAL

CH- 8

CH-9

CH-10

CH-11

CH-12

CH-13

COMPUTER

UNIT TEST I

Chapter 1: Numbers

Chapter 2 : Encoding

Chapter 6: Operators and Expressions

Chapter 7: Conditional and Looping Statements

UNIT I: Decision Making Statements

UNIT II: Iteration through Loops

HALF YEARLY

Chapter 3: Propositional Logic, Hardware Implementation,

Arithmetical Operations

UNIT I: Propositional Logic

UNIT II : Logic Gates

Chapter 10: Methods and Constructors

UNIT I: Functions/Methods

UNIT II: Class and Constructors

Chapter 12: Recursion

UNIT TEST II

Chapter 4: Introduction to Java Language

UNIT I: Object Oriented Programming

UNIT II: Objects and Classes

UNIT III: History and Development of JAVA

Chapter 5: Concept of Data Types

Chapter 8: Character Handling and String Manipulations

ANNUAL

Chapter 9: Arrays: Single and Double Dimensional

Chapter 11: Basic Input/Output Data File Handling

Chapter 15: Trends in Computing and Ethical Issues

Plus, chapters covered in Half Yearly (Repeated)

PHYSICAL EDUCATION:-

UNIT TEST -1

Section A:

Chapter 1: Concept of physical education

Section B :

Games:

1-Badminton

2-Basketball

Half yearly

Section A:

Chapter 1- Concept of physical education

Chapter 2- Individual aspects and group dynamics

Chapter 3- Effects of physical exercise on human body systems

Section B :

(Any Two games)

1.Basketball

2.Badminton

Or

3.Cricket

4.Football

UNIT TEST-2

Section A:

Chapter 2 -Individual aspects and group dynamics

Chapter 3- Effects of physical exercise on human body systems

Section B:

Games

Football and Cricket

ANNUAL

Section A:

Chapter 1- Concept of physical education

Chapter 2- Individual aspects and group dynamics

Chapter 3- Effects of physical exercise on human body systems

Chapter 4- Nutrition, weight control and exercise

Chapter 5 -physical fitness and wellness

Section B:

(Any Two games)

1.Basketball

2.Badminton

Or

3.Cricket

4.Football

ECONOMICS:-

UNIT TEST- 1:

CHAPTER -2: BASIC CONCEPTS AND TERMS IN ECONOMICS

HALF YEARLY:

CHAPTER -1: DEFINITION OF ECONOMICS

CHAPTER -3: BASIC PROBLEMS OF AN ECONOMY

CHAPTER -4: TYPES OF ECONOMIES

**CHAPTER -5: SOLUTIONS TO THE BASIC ECONOMIC PROBLEMS
UNDER DIFFERENT ECONOMIC SYSTEMS**

CHAPTER -6: ECONOMIC GROWTH AND DEVELOPMENT

CHAPTER -7: PARAMETERS (INDICATORS) OF DEVELOPMENT

**CHAPTER -16: DEFINITION, SCOPE, IMPORTANCE AND
LIMITATIONS OF STATISTICS**

**CHAPTER -17: COLLECTION, ORGANISATION AND PRESENTATION
OF DATA**

CHAPTER -18: MEASURES OF CENTRAL VALUE

**CHAPTER -20: CORRELATION (SPEARMAN'S RANK COEFFICIENT OF
CORRELATION)**

ANNUAL

CHAPTER 8:- Sustainable Development

CHAPTER 9:- Planning and Economic Development in India

CHAPTER 10:- Indian Economy Post Liberalization

**CHAPTER 11:- Structural Changes in the Indian Economy after
Liberalization**

CHAPTER 12:- The Problem of Poverty in India

CHAPTER 13:- Profile of Indian Agriculture/Rural Development

CHAPTER 14:- Human Capital Formation in India

CHAPTER 15:- Unemployment in India – Problems and Policies

CHAPTER 19:- Measures of Dispersion

CHAPTER 20:- Correlation (Karl Pearson's Coefficient of Correlation)

CHAPTER 21:- Index Number

+PROJECT WORK

COMMERCE:-

UNIT TEST –1:

Ch. 01: Classification of human activities – Economic & Non Economic

Ch. 02: Nature and Objectives of Business

HALF YEARLY:

Ch. 03: Classification of Business Activities

Ch. 04: Introduction to Business Organizations

Ch.05: Sole Trader; Ch. 06: Partnership;

Ch. 07: Joint Stock Company

Ch.08: Types of Companies

Ch.09: Formation of a company

Ch. 10: Public enterprises, Public utilities, and PPP

****Including Syllabus of Unit Test – 1***

****PROJECT WORK – 1***

UNIT TEST – 2

Ch. 11: Cooperative Organization

Ch. 12: Social responsibility of Business and Business ethics

Ch. 13: E – Business and Outsourcing

Ch. 14: Stock Exchange

ANNUAL:

Ch. 15: Wholesale Trade; Ch. 16: Retail Trade

Ch. 17: Procedure and Documents used in home trade

Ch. 18: Chambers of Commerce and Industry

Ch. 19: Nature and Scope of Foreign Trade

Ch. 20: Export Trade; Ch. 21: Import Trade

Ch. 22: World Trade Organization (WTO)

Ch. 23: Business Risk and Insurance

Ch. 24: Types of Insurance

****Including Syllabus of Half yearly & Unit Test - 2***

****PROJECT WORK - 2***

ACCOUNTS:-

UNIT TEST –1

Ch. 01: Introduction to Accounting

Ch. 02: Basic Accounting Terms

HALF YEARLY

Ch. 03: GAAP and Basic Accounting Concepts

Ch.04: Accounting Standards: Concepts and Objectives and IFRS

Ch.05: Basis of Accounting

Ch. 06: Accounting Equation; Ch.07: Journal; Ch.08: Ledger

Ch.09: Cash Book; Ch.10: Petty Cash Book

Ch.11: Sub – Division of Journal

Ch.13: Trial Balance

***Including Syllabus of Unit Test – 1**

***Project Work – 01**

UNIT TEST –2

Ch.12: Accounting of GST

Ch.14: Bank Reconciliation Statements

ANNUAL:

Ch.15: Depreciation; Ch.16: Provision & Reserves

**Ch.17: Bills of Exchange; Ch.18: Capital & Revenue
Expenditure/Income**

Ch.19: Final Accounts (Without Adjustment)

Ch.20: Final Accounts (With Adjustment)

Ch.21: Rectification of Errors

Ch.22: Accounting from Incomplete Records

Ch.23: Non – Trading Organization

Ch.24: Computers in Accounting

***Including Syllabus of Half yearly**

***Project Work – 02**

HINDI:-

UNIT TEST-1

काव्य मंजरी:

पाठ1- साखी

गद्य संकलन:

पाठ1- पुत्र -प्रेम

आषाढ़ का एक दिन:

अंक एक

व्याकरण:

अपठित गद्यांश

HALF YEARLY:

काव्य मंजरी:

पाठ2- बाल लीला

पाठ3- एक फूल की चाह

गद्य संकलन:

पाठ 2-गौरी

पाठ3- शरणागत

आषाढ़ का एक दिन:

अंक दो

व्याकरण:

मुहावरे, लोकोक्तियाँ, शुद्ध अशुद्ध वाक्य, अपठित गद्यांश, निबंध

UNIT TEST-2:

काव्य मंजरी:

पाठ4- आ: धरती कितना देती है

गद्य संकलन:

पाठ4 -सती

आषाढ़ का एक दिन:

अंक एक

व्याकरण:

शुद्ध- अशुद्ध वाक्य, अपठित गद्यांश

ANNUAL:

काव्य मंजरी:

पाठ 5-नदी के द्वीप

पाठ 6-तुलसीदास के पद

गद्य संकलन:

पाठ 5-आउटसाइडर

पाठ6- दासी

आषाढ़ का एक दिन:

अंक दो

व्याकरण:

मुहावरे, लोकोक्तियाँ, शुद्ध अशुद्ध वाक्य, अपठित गद्यांश, निबंध