

CLASS XI SYLLABUS (2023-2024)

Index: Subjects

- ENGLISH LITERATURE
- MATHEMATICS
- ACCOUNTANCY
- ECONOMICS
- COMMERCE
- BIOLOGY
- ENGLISH LANGUAGE
- HINDI
- PHYSICS
- COMPUTER SCIENCE
- PHYSICAL EDUCATION
- CHEMISTRY

Chapter

ENGLISH LITERATURE (PAPER II)

I Term

MACBETH – Act I Scene 1, 2 and 3
STORIES – L-1: A Living God
L-2: Advice to youth
POEM – L-1 :Abhisara: The Tryst
L-2: Why I liked the Hospital

II Term

MACBETH – Act I - Scene 4, 5 and 6
STORIES – L- 3: The Paper Menagerie
L-4: The Great Automatic Grammatizator
L-5 Thank you Ma'am
POEMS – L-3: Sonnet 116
L-4: Death of Naturalist
L-5: Strange Meeting

Final Examination

MACBETH – Act II Scene 1, 2, 3 and 4
STORIES – L-1: A Living God
L-4: The Great Automatic Grammatization
POEM- L-2: Why I liked the hospital
L-5: Strange Meeting

MATHEMATICS

I Term

(Section A)

- 3 Angles and Arc Length
- 4 Trigonometrical Functions
- 5 Compound and Multiples Angles
- 8 Mathematical Induction
- 9 Complex Numbers

- 10 Quadratic Equations
(Section B)
- 23 Parabola
- 24 Ellipse
(Section C)
- 29 Correlation Analysis
- 30 Index Numbers

II Term

- I Term Syllabus + (Section A)
- 6 Trigonometric Equations
- 7 Properties of Triangles
- 11 Inequalities
- 12 Permutation and Combinations
- 13 Binomial Theorem
- 15 Basic Concept of Points and their Co-ordinates
- 16 The straight line
- 18 Limits
- 19 Differentiation

Section B

+

Section C

Chapter-25 Hyperbola

Chapter-28 Statistics

Chapter-26 Points and their Co-ordinates in 3 dimension

Chapter-31 Moving Averages

Final Examination

Complete syllabus of All three Sections A, B and C

ACCOUNTANCY

I Term

- 1 Introduction of Accounting
- 2 Accounting equation
- 3 Journal entries
- 4 Cash book
- 5 Ledger
- 6 Trial balance
- 7 Bank reconciliation Statement

II Term

- 8 Depreciation
- 9 Bills of exchange
- 10 Final Account with & without adjustment

Final Examination

Full Syllabus

- 11 Capital & revenue
- 12 Provision & reserve
- 13 Single entry system
- 14 Not for Profit organisation

ECONOMICS

I Term

- 1 Introduction of economics
- 2 Main concepts of economics
- 3 Basic problem of economy
- 4 Types of economic system
- 5 Problem & solution of types of economics

II Term

- 6 Structural changes in the Indian economy after liberalisation
- 7 Planning & economics development in India
- 8 Poverty
- 9 Statistics
- 10 Collection of data

11 Central tendency

Final Examination

Full Syllabus

12 Unemployment

13 Economic growth & development

14 Sustainable development

15 Dispersion

16 Correlation

17 Index Number

COMMERCE

I Term

1 Nature & Purpose of business

2 Classification of business Activities

3 Introduction to business organisation

4 Sole trader

5 Partnership

II Term

6 Joint Stock Company

7 Types of Companies

8 Formation of a company

9 Cooperative organisation

10 Social Responsibility of business

11 Business and out Sourcing

Final Examination

12 Wholesale Trade

13 Retail Trade

14 Procedure & document used in home trade

15 Export trade

16 Import trade

17 Whole trade organisation

18 Business Rises and insurance

BIOLOGY

I Term

Unit 1 (Diversity of Living Organism)

1 The Living World

2 Biological classification

3 Plant kingdom

4 Animal kingdom

Unit 2 (Structural Organization in Animal and Plants)

5 Morphology in flowering plants

6 Anatomy in flowering plants

7 Structural organization in Animals

II Term

Unit 3 (Cell: Structure and function)

8 Cell: The Unit of life

9 Biomolecules

10 Cell cycle and cell division

Unit 4 (Plant Physiology)

11 Transport in Plants

12 Mineral Nutrition

13 Photosynthesis in Higher Plants

14 Respiration in Plants

15 Plant growth and development

Final Examination

Unit 5 (Human Physiology)
Digestion and Absorption
Breathing and exchange of gases
Body fluids and circulation
Excretory product and their Elimination
Locomotion and Movement
Neural control and coordination
Chemical co-ordination and integration

ENGLISH LANGUAGE

I Term

Direct and Indirect Speech
Simple, Compound and Complex Sentences
Tenses and Their Use (1)
Tenses and Their Use (2)
Use of Multiple Prepositions (1)
Specimen Paper 1 to 5
Composition writing, Report writing, Proposal, Functional Grammar and Comprehension Passage

II Term

Sequence of Tenses
Conditional Sentences (1)
Conditional Sentences (2)
Transformation of Sentences (1)
Transformation of Sentences (2)
Specimen Paper 6 to 10
Composition writing, Report writing, Proposal, Functional Grammar and Comprehension Passage

Final Examination

Use of Adjectives
Agreement of Subject and Verb
Active and Passive voice
Use of Multiple Prepositions (2)
Use of Since and for
Specimen Paper 11 to 15
Composition writing, Report writing, Proposal, Functional Grammar and Comprehension Passage

HINDI

I Term

HINDI LITERATURE

गद्य संकलन

- 1 पुत्र प्रेम – प्रेमचंद
- 2 गौरी – सुभद्रा कुमारी चौहान

- 1 काव्य मंजरी
- 2 साखी – कबीरदास
बाल लीला – सूरदास
आशाढ़ का एक दिन (अंक एक पेज 30 तक)

HINDI LANGUAGE

अपठित गद्यांश

निबंध

मुहावरे

अष्टुद्ध वाक्य

II Term

HINDI LITERATURE

गद्य संकलन

- 3 षरणागत – वृंदावन लाल वर्मा
- 4 सती – षिवानी

- 3 काव्य मंजरी
4 एक फूल की चाह – सियारामषरण गुप्त
आ धरती कितना देती है? – सुमित्रानंदन पंत

आशाढ का एक दिन (अंक एक)

HINDI LANGUAGE

अपठित गद्यांश

निबंध

मुहावरे

अषुद्ध वाक्य

Final Examination

HINDI LITERATURE

गद्य संकलन

- 1 पुत्र प्रेम – प्रेमचंद
3 षरणागत – वृंदावन लाल वर्मा
5 आउट साइडर – मालती जोषी
6 दासी – जयषंकर प्रसाद

- 1 काव्य मंजरी
3 साखी – कबीरदास
5 एक फूल की चाह – सियारामषरण गुप्त
6 नदी के द्वीप – अज्ञेय
तुलसीदास के पद – तुलसीदास

आशाढ का एक दिन (अंक एक, दो)

HINDI LANGUAGE

अपठित गद्यांश

निबंध

मुहावरे

अषुद्ध वाक्य

मुहावरे

PHYSICS

I Term

- 1 Role of Physics
2 Fundamental and Derived Units
3 Error Analysis
4 Significant Figures
5 Dimensional Analysis
6 Vectors
7 Elementary Mathematics
8 Motion In one and Two Dimensions
9 Force
10 Work Power and Energy
11 Friction
12 Uniform circular motion
13 Centre of Mass
14 Moment of Inertia
15 Gravitation
16 Fluid Pressure
17 Viscosity
18 Elasticity

- 19 Surface Tension
20 Kinetic Theory of Gases
21 Internal Energy
22 Isothermal and Adiabatic Processes
23 Second Law of Thermodynamics
24 Thermal conduction
25 Thermal radiation
26 Simple harmonic motion
27 Free Damped and Forced Oscillations

II Term

Final Examination

- 28 Progressive harmonic waves
29 Wave Motion
30 Interference and Beats
31 Stationary waves
32 Vibrations of stretched strings
33 Doppler Effect

COMPUTER SCIENCE

I Term

- 1 Data representation
2 Propositional logic & Hardware
3 General oop Concepts
4 Introducing Java
5 Java Fundamental
6 Flow of Control
7 Classes in Java
8 Functions (Methods)

II Term

- I Term Syllabus +
9 Program Error types and exception Handling
10 Using Library classes and packages
11 Arrays

Final Examination

Complete Syllabus

PHYSICAL EDUCATION

I Term

- 1 Concept of Physical Education
2 Individual aspects of group dynamics
Games: Badminton, volleyball, Cricket

II Term

- I Term Syllabus +
3 Effects of physical exercises on human body system
4 Nutrition, Weight control and exercises
Games: Athletics, Basket ball, Football

Final Examination

- I Term Syllabus + II Term Syllabus +
5 Physical fitness and wellness
6 Games and sports – A global perspective
Games: Hockey, Swimming & Tennis (Any two games selected by you from the major 9 games)

CHEMISTRY

I Term

- 1 Some Basic concepts of Chemistry
2 Structure of Atom
3 Classification of Elements and Periodicity in Properties
8 Redox Reaction

II Term

I Term +

- 4 Chemical Bonding and Molecular Structure
- 6 Chemical Thermodynamics
- 12 Organic Chemistry: Some Basic Principles and Techniques

Final Examination

I Term Syllabus + II Term Syllabus +

- 7 Equilibrium
- 13 Hydrocarbons