

CLASS XI

MORAL SCIENCE SYLLABUS 2022 -23

HALF-YEARLY:

Chapter-

1. The unruly guests
2. Adolescence
4. Smoking kills
5. A grave problem
6. People with special needs

ANNUAL:

Chapter-

7. Practising yoga
9. Social Networking sites
10. A necessary evil
11. Swachh bharat abhiyan
13. Global icons

ENGLISH LANGUAGE SYLLABUS 2022 -23

UNIT TEST 1

1. Functional grammar
 - a. Verbal passage
 - b. Phrasal verbs
 - c. Transformation

HALF YEARLY

1. Composition writing
2. Report writing
3. Proposal writing
4. Comprehension with precis writing
5. Functional grammar
 - a. Verbal passage, b. Phrasal verbs, c. Transformation

UNIT TEST 2

1. Transformation
2. Proposal writing

ANNUAL

(Same syllabus as Half Yearly)

ENGLISH LITERATURE SYLLABUS 2022 -23

UNIT TEST 1

1. Short story: Salvatore
2. Poem: The Dolphins

HALF YEARLY

Short stories

1. Salvatore
2. Fritz
3. Quality

Poems

1. The Dolphins
2. The spider and the fly

Drama

The Tempest

Act I

UNIT TEST 2

The tempest act II, (Scene I and II)

ANNUAL

1. The Chinese Statue
2. A Gorilla in the Guest Room

CLASS XI

Poems

1. The Gift of India
2. John Brown
3. Desiderata

Drama

The Tempest act II & III

Note: Half Yearly syllabus is also included for the Annual examination

COMPUTER SCIENCE SYLLABUS 2022 -23

UNIT TEST I

1. Data Representation
 - i) Number
 - ii) Encoding

HALF YEARLY

SECTION - A

1. Data Representation

SECTION - B

2. General OOP Concepts
3. Introducing java
4. Java Fundamentals
5. Flow of Control
6. Classes I Java
7. Functions (Methods)
8. Program Error Type and Basic Exception Handling

SECTION -C

9. Recursion
10. Trends in computing and Ethical Issues
11. Implementation of Algorithm to solve problem

UNIT TEST II

1. Propositional Logic and Hardware
2. Using Library Classes and packages

ANNUAL

SECTION - A

1. Propositional Logic and hardware

SECTION - B

2. Using Library Classes (String handling)
3. Arrays

SECTION - C

4. Operations On Files (Binary and Text Files)
5. Packages

PHYSICS SYLLABUS 2022 -23

UNIT TEST 1:

- Unit 1: Physical World and Measurement
 1. Physical world
 2. Units and Measurement
 3. Dimensional Analysis

HALF YEARLY:

- Unit 1: Physical World and Measurement
 1. Physical world
 2. Units and Measurement
 3. Dimensional Analysis
- Unit 2: Kinematics
 4. Motion in a Straight Line
 5. Motion in a Plane
- Unit 3: Laws of Motion
 6. Newton's Laws of Motion
 7. Friction
 8. Uniform Circular Motion
- Unit 6: Gravitation
 12. Gravitation: Planets and Satellites
- Unit 7: Properties of Matter
 13. Elasticity
 14. Fluid Pressure
 15. Flow of Liquids
 16. Surface Tension
- Unit 10: Oscillations and Waves
 23. Simple Harmonic Motion
 24. Free, Damped and Forced Oscillations

UNIT TEST 2:

- Unit 4: Work, Energy and Power
 9. Work, Energy and Power
- Unit 5: Motion of System of Particles and Rigid Body

CLASS XI

10. Centre of Mass
11. Rotational Motion of a Rigid Body: Moment of Inertia

ANNUAL:

- Unit 1: Physical World and Measurement
 1. Physical world
 2. Units and Measurement
 3. Dimensional Analysis
- Unit 2: Kinematics
 4. Motion in a Straight Line
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- Unit 3: Laws of Motion
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- Unit 4: Work, Energy and Power
 9. Work, Energy and Power
- Unit 5: Motion of System of Particles and Rigid Body
 10. Centre of Mass
 11. Rotational Motion of a Rigid Body: Moment of Inertia
- Unit 6: Gravitation
 12. Gravitation: Planets and Satellites
- Unit 7: Properties of Matter
 13. Elasticity
 14. Fluid Pressure
 15. Flow of Liquids
 16. Surface Tension
- Unit 8: Heat and Thermodynamics
 17. Thermal Properties of Matter
 18. Heat Transfer
 19. Thermodynamics
 20. Isothermal and Adiabatic Processes
 21. Heat Engine: Second Law of Thermodynamics
- Unit 9: Behaviour of Perfect Gas and Kinetic Theory of Gases
 22. Behaviour of Perfect Gas and Kinetic Theory of Gases
- Unit 10: Oscillations and Waves
 23. Simple Harmonic Motion

CLASS XI

24. Free, Damped and Forced Oscillations
25. Waves
26. Wave Motion
27. Superposition of Waves 1: Interference and Beats
28. Superposition of Waves 2: Stationary (Standing) Waves:
Vibration of Air Columns
29. Vibrations of Stretched Strings
30. Doppler Effect

BIOLOGY SYLLABUS 2022 -23

HALF YEARLY EXAM:

UNIT TEST 1:

- (i) The living world.
- (ii) Biological classification.
 - (a) Five kingdom classification.
 - (b) Kingdom Monera.
 - (c) Kingdom Protista.
 - (d) Kingdom Fungi.
 - (e) Virus.
- (iii) Plant kingdom:
 - (a) Algae.
 - (b) Bryophyta.
 - (c) Pteridophyta.
 - (d) Gymnosperm.
 - (e) Angiosperms.
 - (f) Comparison of life cycle patterns of different plant groups (haplontic, diplontic and haplo-diplontic).
- (iv) Animal kingdom.

(2) **Unit II:**

Morphology of flowering plants.

(3) **Unit III:**

Cell cycle and cell division.

(4) **Unit IV:**

(i) Mineral Nutrition.

(ii) Plant growth and development.

(5) **Unit V:**

Chemical co-ordination and Integration.

UNIT TEST 2:

1. Digestion and Absorption.
2. Body fluids and Circulations.

ANNUAL EXAM:

Unit II:

- (i) Anatomy of flowering plants.
- (ii) Animal tissue.

Unit III: Cell – Structure and function.

- (i) Cell- the unit of life.
- (ii) Biomolecules.

Unit IV: (Plant physiology)

- (i) Transport in plants.
- (ii) Photosynthesis in higher plants.
- (iii) Respiration in plants.

Unit V: (Human Physiology):

- (a) Digestion and Absorption.
- (b) Breathing and exchange of gases.
- (c) Body fluids and circulation.
- (d) Excretory products and their elimination.
- (e) Locomotion and Movement.
- (f) Neural control and coordination.

- **Note: All the Chapters mentioned in the half yearly exam are also included in Annual Exam (i.e. the entire ISC Biology Syllabus of class XI).**

CHEMISTRY SYLLABUS 2022 -23

UNIT TEST- 1

1. SOME BASIC CONCEPTS OF CHEMISTRY
2. ORGANIC CHEMISTRY: a) IUPAC NOMENCLATURE
b) ISOMERISM

Half Yearly

1. SOME BASIC CONCEPTS OF CHEMISTRY
2. ATOMIC STRUCTURE
3. HYDROGEN
4. .S BLOCK ELEMENTS (ALKALI AND ALKALINE EARTH METALS)
5. ORGANIC CHEMISTRY-SOME BASIC PRINCIPLES AND TECHNIQUES

UNIT TEST- 2

1. The PERIODIC TABLE
2. REDOX
3. CHEMICAL BONDING

Annual

1. STATES OF MATTER
2. EQUILIBRIUM
3. CHEMICAL THERMODYNAMICS
4. SOME P-BLOCK ELEMENTS
5. HYDROCARBONS

[UT1, HALF-YEARLY, UT2 syllabus are also included in Annual Examination

CLASS XI

COMMERCE SYLLABUS 2022 -23

BOOK: ISC CLASS XI S.CHAND'S COMMERCE BOOK.

UNIT EXAM -I

UNIT-1 NATURE AND PURPOSE OF BUSINESS

1. Classification of Human Activities- economic and non-economic.
2. Nature and objectives of business.
3. Classification of business activities.

FIRST TERM.

UNIT-1 NATURE AND PURPOSE OF BUSINESS

1. Classification of Human Activities- economic and non-economic.
2. Nature and objectives of business.
3. Classification of business activities.

UNIT-2: FORMS OF BUSINESS ORGANISATIONS

1. Classification of Human Activities- economic and non-economic.
2. Nature and objectives of business.
3. Classification of business activities.
4. Introduction to Business Organisations.
5. Sole trader.
6. Partnership.
7. Joint Stock Company.
8. Types of Companies.
9. Formation of a Company.
10. Public enterprises, Public utilities and Public Private Partnerships.
11. Cooperative Organisation.

UNIT-3: SOCIAL RESPONSIBILITY OF BUSINESS AND

CLASS XI

BUSINESS ETHICS.

12. Social responsibility of a business and business ethics.

UNIT-4: EMERGING MODES OF BUSINESS.

13. E-business and outsourcing.

UNIT EXAM-II

UNIT-5: STOCK EXCHANGE

14. Stock Exchange

UNIT-8: INSURANCE

1. Business risk and insurance
2. Types of insurance.

SECOND TERM

UNIT-5: STOCK EXCHANGE

14. Stock Exchange

UNIT-6 INLAND TRADE

15. Wholesale trade
16. Retail trade.
17. Procedure and documents used in home trade.
18. Chamber of Commerce and industry.

UNIT-7: FOREIGN TRADE

19. Nature and scope of foreign trade.
20. Export trade
21. Import trade
22. World Trade Organization

NOTE: ALL THE CHAPTERS OF FIRST TERM AND UNIT EXAM-II ARE INCLUDED.

ACCOUNTS SYLLABUS 2022 -23

UNIT EXAM -1

1. Introduction to Accounting
2. Basic Accounting Terms
3. GAAP
4. Accounting Standards
5. Bases of Accounting
6. Accounting Equation
7. Journal

FIRST TERM

1. Introduction to Accounting
2. Basic Accounting Terms
3. GAAP
4. Accounting Standards
5. Bases of Accounting
6. Accounting Equation
7. Journal
8. Ledger
9. Cash book
10. Petty cash book
11. Sub division of journal
12. Accounting of GST
13. Trial Balance.
14. Bank Reconciliation Statement
15. Capital and Revenue expenditure/income
16. Provision and Reserves
17. Rectification of errors

UNIT EXAM-2

18. Final Accounts without adjustments
19. Final Accounts with adjustments

SECOND TERM

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20. Depreciation
21. Bills of Exchange
22. Accounts from Incomplete records
23. Non Trading Organisation
24. Computers in Accounting

Note: All the chapters of first term and unit exam 2 are included.

HINDI 2ND LANGUAGE SYLLABUS 2022 -23

प्रथमसत्र

UNIT TEST- I—

1. पुत्रप्रेम
2. साखी

BOOK 1. गद्यसंकलन—

1. पुत्रप्रेम
2. गौरी
3. शरणागत

BOOK 2. काव्यमंजरी—

1. साखी
2. बाललीला
3. एक फूल की चाह

BOOK 3. सारा आकाश- पूर्वार्धभाग एक से पाँच तक

BOOK 4. हहन्दीव्याकरण मंजूषा—

1. हनबंर, कहानी लेखन
2. अपहति गद्यांश
3. वाक्योंका शुद्धिकरण
4. मुहावरों से वाक्यबनाना

नयट---

- प्रोजेक्कार्यकिया जायेगा ।

- पाठ से सम्बन्धितप्रश्नोका अभ्यासकराया जायेगा ।

हतिर सत्र--

UNIT TEST- II—

1. सती
2. आःरतीहकतना देती है

BOOK 1. गद्यसंकलन---

1. सती
2. आउट साइडर

BOOK 2. काव्यमंजरी---

1. आः रतीहकतना देती है
2. नदी के द्वीप

BOOK 3. सारा आकाश--- पूर्वार्धभाग छह से दस तक

BOOK 4. हदी व्याकरण मंजूषा---

1. हनबंर, कहानी लेखन
2. अपहति गद्यांश
3. वाक्योंका शुद्धिकरण
4. मुहावरोंसेवाक्यबनाना

नयट—

- प्रोजेक्कार्यकिया जायेगा ।

- पाठ से सम्बन्धितप्रश्नोका अभ्यासकराया जायेगा ।
- प्रथमसत्रके सभी पाठ द्वितिसत्रमें सम्मिलित हैं।