

SYLLABUS

for

CLASS-XI

(Science/Commerce/Humanities)
(Session:2022-2023)

IMPORTANT NOTE: -

- **FOR ANY INFORMATION/UPDATES ABOUT SYLLABUS, TOPICS AND PAPER PATTERN FOR SESSION 2022-2023 YOU SHOULD REGULARLY VISIT CBSE WEBSITE.**

https://cbseacademic.nic.in/curriculum_2023.html

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ENGLISH (CORE)

HALF YEARLY EXAM

READING :

- An unseen passage for Comprehension (Factual or Case based)
- An unseen passage for Note making and Summarization

WRITING :

- Poster
- Speech

GRAMMAR :

- Gap filling
- Re-ordering of sentences

LITERATURE :

Book HORNBILL – LESSONS:-

- The Portrait of a Lady
- We're Not Afraid to Die....If we Can All Be Together

POEMS:-

- A Photograph
- The Laburnum Top

Book SNAPSHOTS :

- The Summer of the Beautiful White Horse
- The Address

PERIODIC TEST – 2

READING :

- An unseen passage for Comprehension

WRITING :

- Classified Advertisement

GRAMMAR :

- Transformation of Sentences

LITERATURE :

Book HORNBILL – LESSONS:-

- Discovering Tut...The Saga Continues
- The Adventure

POEMS:-

- The Voice of the Rain
- Childhood

Book SNAPSHOTS :

- Mother's Day
- Birth
- The Tale of Melon City

ANNUAL EXAMINATION

WRITING :

- Debate

LITERATURE :

Book HORNBILL – LESSONS:-

- Silk Road

POEMS :

- Father to Son

+ ALL THE SYLLABUS TILL PT- 2

SUBJECT: PHYSICS

HALF YEARLY EXAM

UNIT 1 Physical world and Measurement

1. Physical world
2. Units and Measurement

UNIT 2 Kinematics

3. Motion in a straight line
4. Motion in a plane

Unit 3 Laws of Motion

5. Laws of motion

Unit 4 Work energy and power

6. Work energy and power

Unit 5 System of particles and rigid body

7. System of particles and rotational motion

PERIODIC TEST-2

Unit 6 Gravitation

1. Gravitation

Unit 7 Properties of bulk matter

2. Mechanical properties of solids
3. Mechanical properties of fluids
4. Thermal properties of matter

ANNUAL EXAMS

UNIT 8 Thermodynamics

1. Thermodynamics

UNIT 9 Behaviour of perfect gasses & kinetic theory of gases

2. Kinetic theory of gases

UNIT 10 Oscillations and waves

3. Oscillation

4. Waves

+ All the chapters covered till PT-2

SUBJECT: CHEMISTRY

HALF YEARLY EXAM

- CHAPTER 1: SOME BASIC CONCEPTS OF CHEMISTRY
- CHAPTER 2: STRUCTURE OF ATOM
- CHAPTER 3: CLASSIFICATION OF ELEMENTS AND PERIODICITY IN PROPERTIES
- CHAPTER 8: REDOX REACTIONS

PERIODIC TEST -2

- CHAPTER 4: CHEMICAL BONDING AND MOLECULAR STRUCTURE
- CHAPTER 6: CHEMICAL THERMODYNAMICS
- CHAPTER 7: EQUILIBRIUM

ANNUAL EXAM

- CHAPTER 12 : ORGANIC CHEMISTRY:SOME BASIC PRINCIPLES AND TECHNIQUES
- CHAPTER 13: HYDROCARBONS

+ All the chapters covered till PT-2

SUBJECT: MATHS

HALF YEARLY EXAM

1. Chapter 1 : Sets
2. Chapter 2 : Relations and Functions
3. Chapter 3 : Trigonometry Functions
4. Chapter 5 : Complex Numbers and Quadratic Equations
5. Chapter 6 : Linear Inequalities
6. Chapter 7 : Permutations and Combinations
7. Chapter 8 : Binomial Theorem

PERIODIC TEST -2

1. Chapter 9 : Sequences and Series
2. Chapter 10 : Straight Lines
3. Chapter 11 : Conic Sections
4. Chapter 12 : Introduction to Three Dimensional Geometry
5. Chapter 13 : Limits and Derivatives

ANNUAL EXAM

1. Chapter 15: STATISTICS

2. Chapter 16: PROBABILITY

+ All the chapters covered till PT-2

SUBJECT: APPLIED MATHEMATICS

HALF YEARLY EXAM

Chapter 1 : Sets

Chapter 2 : Relations and Functions

Chapter 7 : Permutations and Combinations

Chapter 9 : Sequences and Series

Chapter 10 : Straight Lines

Chapter 11 : Conic Sections

Chapter 13 : Limits and Derivatives

PERIODIC TEST -2

Chapter : Descriptive Statistics

Chapter : Financial Mathematics

Chapter : Numbers, Quantifications and Numerical Applications

Chapter : Mathematical Reasoning

ANNUAL EXAMS

Chapter 16: Probability

+ All the chapters covered till PT-2

NOTE : Chapter no. has not been mentioned for chapters to be done from Applied Maths Book . Remaining are as per current NCERT book for science stream.

SUBJECT: BIOLOGY

HALF YEARLY EXAM

1. Chapter 1: The Living World
2. Chapter 2: Biological Classification
3. Chapter 3: Plant Kingdom
4. Chapter 4 : Animal Kingdom
5. Chapter 5 : Morphology of Flowering Plants
6. Chapter 6: Anatomy of flowering plants
6. Chapter 7 : Structural Organisation in Animals
7. Chapter 8 : Cell: The Unit Of Life
8. Chapter 9 : Biomolecules

PERIODIC TEST -2

6. Chapter 10: Cell Cycle and Cell Division
7. Chapter 13: Photosynthesis in Higher Plants
8. Chapter 14: Respiration in Plants
9. Chapter 15: Plant growth and development
10. Chapter 17: Breathing and Exchange of Gases
11. Chapter 18: Body Fluids and Circulation
12. Chapter 19: Excretory Products and Their Elimination
13. Chapter 20: Locomotion and Movement

ANNUAL EXAM

1. Chapter 21: Neural Control and Coordination
2. chapter 22: Chemical coordination and integration

+ All the chapters covered till PT-2

SUBJECT: ACCOUNTANCY

HALF YEARLY EXAM

1. Chapter 1 Introduction to Accounting
2. Chapter 2 Basic Accounting Terms
3. Chapter 3 Theory Base of Accounting, Accounting Standards and International Financial Reporting Standards (IFRS)
4. Chapter 4 Process of Accounting and Bases of Accounting
5. Chapter 5 Accounting Equation and Rules of Debit and Credit
6. Chapter 6 Origin of Transactions and Preparation of Vouchers
7. Chapter 7 A. Books of Original Entry –Journal
8. Chapter 7 B. Goods and Service Tax (GST) and Journal based on GST
9. Chapter 8 Books of Original Entry – Cash Book

PERIODIC TEST -2

1. Chapter 9 Books of Original Entry – Special Purpose Subsidiary Books
2. Chapter 10 Bank Reconciliation Statement
3. Chapter 11 Ledger
4. Chapter 12 Trial Balance
5. Chapter 13 Depreciation
6. Chapter 14 Provisions and Reserves

ANNUAL EXAMINATION

1. Chapter 16 Rectification of Errors
2. Chapter 1 Financial Statements of Sole Proprietorship From Complete Records
3. Chapter 2 Financial Statements - From Complete Records with Adjustments

+ All the chapters covered till PT-2

SUBJECT: BUSINESS STUDIES

HALF YEARLY EXAM

1. Chapter 1: Nature and Purpose of Business
2. Chapter 2: Forms of Business Organisation
3. Chapter 3: Private, Public and Global Enterprises
4. Chapter 4: Business Services

PERIODIC TEST – 2

1. Chapter 5: Emerging Modes of Business
2. Chapter 6: Social Responsibilities of Business and Business Ethics
3. Chapter 7: Sources of Business Finance
4. Chapter 8: Small Business and Enterprises

ANNUAL EXAMINATION

1. Chapter 9: Internal Trade
2. Chapter 10: International Business

+ All the chapters covered till PT-2

SUBJECT: ECONOMICS

HALF YEARLY EXAM

PART A – STATISTICS FOR ECONOMICS

1. Chapter 1: Concept of Economics and Significance of Statistics in Economics
2. Chapter 2: Collection of Data
3. Chapter 3 : Census and Sample Methods of Collection of Data
4. Chapter 4 : Organisation of Data
5. Chapter 9 : Measures of Central Tendency- Arithmetic Mean
6. Chapter 10: Measures of Central Tendency- Median and Mode

PART B – MICROECONOMICS

7. Chapter 1 : Introduction
8. Chapter 2 : Consumer's Equilibrium
9. Chapter 3 : Demand
10. Chapter 4 : Elasticity of Demand
11. Chapter 9 : Supply

PERIODIC TEST – 2

PART A – STATISTICS FOR ECONOMICS

1. Chapter 5: Presentation Of Data- Textual and Tabular Presentation
2. Chapter 6: Diagrammatic Presentation of Data: Bar diagrams and Pie Diagrams
3. Chapter 7: Frequency Diagrams: Histogram, Polygon and Ogive
4. Chapter 8: Arithmetic Line-Graphs or Time Series Graphs

PART B – MICROECONOMICS

5. Chapter 5: Production Function
6. Chapter 6: Cost
7. Chapter 7: Revenue
8. Chapter 8: Producer's Equilibrium

ANNUAL EXAM

PART A – STATISTICS FOR ECONOMICS

1. Chapter 12: Correlation
2. Chapter 13: Index Numbers

PART B – MICROECONOMICS

1. Chapter 10: Main Market Forms
2. Chapter 11: Price Determination with Simple Applications

+ All the chapters covered till PT-2

SUBJECT: HISTORY

HALF YEARLY EXAM

1. CHAPTER 1: From the beginning of time
2. CHAPTER 2: Writing and city life
3. CHAPTER 3: An empire across three continents

4. CHAPTER 4. The central Islamic lands
5. Chapter 5 Nomadic empires

PERIODIC TEST -2

1. CHAPTER 6 The three orders
2. CHAPTER 7. Changing cultural traditions
3. CHAPTER 8. Confrontation of cultures

ANNUAL EXAM

1. CHAPTER 9. The industrial revolution.
2. CHAPTER 10. Displacing indigenous people.
3. Chapter 11. Paths to Modernization

+ All the chapters covered till PT-2

SUBJECT: POLITICAL SCIENCE

HALF YEARLY EXAM

Part A - Indian Constitution at Work

1. Chapter 1: Constitution
2. Chapter 2: Election and Representation
3. Chapter 3: The Legislature
4. Chapter 4: The Executive

Part B - Political Theory

5. Chapter 8: Political Theory: An Introduction
6. Chapter 9: Liberty
7. Chapter 10: Equality
8. Chapter 11: Justice

PERIODIC TEST – 2

Part A - Indian Constitution at Work

1. Chapter 5: The Judiciary
2. Chapter 6: Federalism
3. Chapter 7: Local Governments

Part B - Political Theory

4. Chapter 12: Rights
5. Chapter 13: Citizenship

ANNUAL EXAM

1. Chapter 14: Nationalism
2. Chapter 15: Secularism

+ All the chapters covered till PT-2

SUBJECT- PHYSICAL EDUCATION

HALF YEARLY EXAM

- Unit 1: Changing Trends & Career in Physical Education
- Unit 2: Olympism
- Unit 3: Yoga
- Unit 4: Physical Education & Sports for CWSN [Children-
With Special Needs-Divyang]
- Unit 5: Physical Fitness, Health and Wellness

PERIODIC TEST -2

- Unit 6: Test, Measurement and Evaluation
- Unit 7: Fundamental of Anatomy, Physiology in Sports
- Unit 8: Fundamental of Kinesiology, Biomechanics in Sports

ANNUAL EXAM

- Unit 9: Psychology & Sports
- Unit 10: Training and Doping In Sports

+ All the chapters covered till PT-2

SUBJECT: YOGA

HALF YEARLY EXAM

Unit 1: Introduction to Yoga and Yogic Practices - I

1. Yoga: Etymology, definitions, aim, objectives and misconceptions
2. Yoga: Its Origin, history and development
3. Rules and regulations to be followed by Yoga Practitioners
4. Introduction to major schools of Yoga (Janan, Yoga Bhakti, Yoga Karma, Patanjali, Hatha)
5. Introduction to Yoga practices (SukshmaVyayama, Surya Namaskar and Asanas)

EMPLOYABILITY SKILLS

1. Communications Skills – III
2. Self Management Skills – III

PERIODIC TEST -2

Unit 2: Introduction to yoga Texts - I

1. Introduction and study of Patanjali Yoga Sutra including memorization of selected Sutra
2. Introduction and study of Bhagavad Gita including memorization of selected Slokas
3. Introduction of HataPradpika.
4. Introduction and study of GherandaSamhita.

EMPLOYABILITY SKILLS

3. Information and Communications Technology Skills – III
4. Entrepreneurial Skills – III

ANNUAL EXAM

Unit 3: Yoga for Health Promotion - I

1. Brief introduction to human body
2. Role of yoga for health promotion

3. Yogic attitudes and practices
4. Holistic approach of yoga towards the health and diseases
5. Introduction to yoga diet and its relevance and importance in yoga Sadhana
6. Dincharya and Ritucharya with respect of yogic lifestyle

EMPLOYABILITY SKILLS

5. Green Skills – III

+ All the chapters covered till PT-2

COMPUTER SCIENCE

HALF YEARLY EXAM

1. Chapter – 1 Computer System Overview
2. Chapter – 2 Data Representation
3. Chapter – 3 Boolean Logic
4. Chapter – 6 Getting Started with Python
5. Chapter – 7 Python Fundamentals
6. Chapter – 8 Data Handling
7. Chapter – 9 Flow of Control
8. Chapter – 10 String Manipulation

PERIODIC TEST -2

1. Chapter – 11 List Manipulation
2. Chapter – 12 Tuples
3. Chapter – 13 Dictionaries

ANNUAL EXAMS

1. Chapter – 15 Cyber Safety
2. Chapter – 16 Online Access and Computer Security
3. Chapter – 17 Society, Law and Ethics

+ All the chapters covered till PT-2