

SYLLABUS

for

CLASS-XII

(Science/Commerce/Humanities)
(Session:2023-2024)

IMPORTANT NOTE: -

- **THE SYLLABUS OF PRE-BOARD 2 AND BOARD EXAM WILL BE THE FULL REVISED SYLLABUS 2023-24 OF CBSE.**
- **FOR ANY INFORMATION/UPDATES ABOUT SYLLABUS, TOPICS AND PAPER PATTERN FOR SESSION 2023-2024 YOU SHOULD REGULARLY VISIT CBSE WEBSITE.**

https://cbseacademic.nic.in/curriculum_2024.html

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ENGLISH (CORE)

PERIODIC TEST-I

READING: Two unseen passages for comprehension (discursive and case based)

WRITING SKILLS: Notice, Letter to Editor

LITERATURE:

FLAMINGO

Lesson:

- The Last Lesson
- Lost Spring

Poem:

- My Mother at Sixty Six

VISTAS:

- The Third Level

PERIODIC TEST-II

READING: Two unseen passages for comprehension (discursive and Life Skills based)

WRITING SKILLS

- Formal Invitation and Formal Replies
- Article
- Report writing for Newspaper and School magazine

LITERATURE:

BOOK FLAMINGO - Lessons:

- Deep Water
- The Rattrap
- Indigo

Poems:

- Keeping Quiet
- A Thing of Beauty

VISTAS:

- The Tiger King
- Journey to the end of the Earth
- The Enemy

+ All the syllabus of PT-1

PERIODIC TEST-III/PRE-BOARD -1

READING: Two unseen passages for comprehension (discursive and case based)

WRITING SKILLS:

- Informal Invitation and Replies
- Notice
- Article
- Job Application

BOOK FLAMINGO - Lessons:

- Poets and Pancakes
- Going Places
- The Interview

Poems:

- A Roadside Stand
- Aunt Jennifer's Tigers

BOOK VISTAS - Lessons:

- On the face of It
- Memories of Childhood

PRE-BOARD -2

Pre-Board 2 will cover the complete revised syllabus.

SUBJECT: PHYSICS

PERIODIC TEST -1

Unit I Electrostatics

1. Chapter 1 Electric charge & Electric Field
2. Chapter 3 Electrostatic Potential & Capacitance

Unit II Current Electricity

3. Chapter 3 Electric current and Resistance

PERIODIC TEST II

Unit I Electrostatics

1. Chapter 1 Electric charge & Electric Field
2. Chapter 3 Electrostatic Potential & Capacitance

Unit II Current Electricity

3. Chapter 3 Electric current and Resistance

Unit III Magnetic Effect of Current & Magnetism

1. Chapter-4: Moving Charges and Magnetism
2. Chapter-5: Magnetism and Matter

Unit IV Electromagnetic Induction & Alternating Current

3. Chapter 6: Electromagnetic Induction
4. Chapter 7: Alternating Current

Unit V Electromagnetic Waves

5. Chapter-8: Electromagnetic Waves

Unit VI Optics

6. Chapter-9: Ray Optics & Optical Instruments
7. Chapter 10: Wave Optics

PRE-BOARD -1/PERIODIC TEST III

Unit VII Dual Nature of Radiation & Matter

1. Chapter 11: Dual Nature of radiation and Matter

Unit VIII Atoms & Nuclei

2. Chapter 12: Atoms
3. Chapter 13: Nuclei

PRE BOARD -2

Unit I Electrostatics

1. Chapter 1 Electric charge & Electric Field
2. Chapter 3 Electrostatic Potential & Capacitance

Unit II Current Electricity

3. Chapter 3 Electric current and Resistance

Unit III Magnetic Effect of Current & Magnetism

1. Chapter-4: Moving Charges and Magnetism

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Unit VI Optics

6. Chapter-9: Ray Optics & Optical Instruments

7. Chapter 10: Wave Optics

Unit VII Dual Nature of Radiation & Matter

1. Chapter 11: Dual Nature of radiation and Matter

Unit VIII Atoms & Nuclei

2. Chapter 12: Atoms

3. Chapter 13: Nuclei

Unit IX Electronic Devices

1. Chapter 14: Semiconductor Electronics: Materials, Devices & Simple Circuits

SUBJECT: CHEMISTRY

PERIODIC TEST -1

Chapter 2: SOLUTIONS

Chapter 3: ELECTROCHEMISTRY

HALF YEARLY EXAM

Chapter 4: CHEMICAL KINETICS

Chapter 10: HALOALKANES AND HALOARENES

Chapter 11: ALCOHOLS, PHENOLS AND ETHERS

Chapter 12: ALDEHYDES, KETONES AND CARBOXYLIC ACIDS

“ + All CHAPTERS OF PERIODIC TEST-1”

PRE-BOARD -1

Chapter 13: AMINES

Chapter 14: BIO MOLECULES

Chapter 9: CO-ORDINATION COMPOUNDS

Chapter 8: THE d-and f-BLOCK ELEMENTS

PRE-BOARD-2

Pre-Board 2 will cover the complete syllabus.

SUBJECT: MATHS

PERIODIC TEST - I

1. Chapter 3: Matrices
2. Chapter 4: Determinants
3. Chapter 5: Continuity and Differentiability

PERIODIC TEST -II

1. Chapter 1 : Relation and Functions
2. Chapter 2 : Inverse Trigonometric Functions
3. Chapter 6: Application of Derivatives
4. Chapter 7: Integrals (Exercises 7.1,7.2,7.3,7.4,7.5,7.6,7.7 & Miscellaneous Exercise)

+ All Chapters of PERIODIC TEST -1

PERIODIC TEST - III/PRE BOARD -1

- Chapter 7: Integrals
- Chapter 8 : Applications of Integral
- Chapter 9: Differential Equations
- Chapter 10: Vectors
- Chapter 11: Three- Dimensional Geometry
- Chapter 12: Linear Programming
- Chapter 13: Probability

PRE – BOARD 2 WILL COVER THE COMPLETE SYLLABUS

SUBJECT: APPLIED MATHEMATICS

PERIODIC TEST -1

- Chapter 3 : Matrices
- Chapter 4: Determinants (Including Cramer's rule)
- Chapter 5: Derivatives
- Chapter 12 : Linear Programming

PERIODIC TEST - 2

- Chapter 6 : Application of derivatives (Including Marginal cost and revenue functions)
- Chapter 7: Integration
- Chapter 8: Applications of Integration

+ All Chapters of PERIODIC TEST -1

PERIODIC TEST -3/PRE-BOARD 1

- Chapter 9: Differential Equations
- Chapter: Numbers, Quantification and Numerical Applications
- Chapter 13: Probability (Including Poisson and Normal Distribution)
- Chapter: Financial Mathematics

PRE-BOARD 2

- Chapter: Index Numbers and Time Based Data
- Chapter : Inferential Statistics

+ All Chapters covered till PERIODIC TEST - 3

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

SUBJECT: BIOLOGY

PERIODIC TEST -1

1. Chapter 2: Sexual Reproduction in Flowering Plants
2. Chapter 3: Human Reproduction

PERIODIC TEST -2

1. Chapter 4 : Reproductive Health
2. Chapter 5: Principle of Inheritance and Variaton
3. Chapter 6 : Molecular basis of Inheritance
4. Chapter 7: Evolution
5. Chapter 8 : Human Health and Disease
6. Chapter 10 : Microbes in Human Welfare

+All Chapters of PERIODIC TEST -1 mentioned below

6. Chapter 2: Sexual Reproduction in Flowering Plants
7. Chapter 3: Human Reproduction

PERIODIC TEST -3 cum PRE-BOARD -1

1. Chapter 11 : Biotechnology: Principles and Processes
2. Chapter 12: Biotechnology and its Applications
3. Chapter 13: Organisms and Populations
4. Chapter 14: Ecosystem
5. Chapter 15 : Biodiversity and Conservation

PRE-BOARD -2

Complete syllabus prescribed by board

SUBJECT: ACCOUNTANCY

PERIODIC TEST -1

1. Chapter 1: Accounting for partnership firms –Fundamentals
2. Chapter 2: Goodwill nature and valuation

HALF YEARLY

1. Chapter 3: Change in profit sharing ratio among the existing partners
2. Chapter 4: Admission of a partner
3. Chapter 5: Retirement of a partner.
4. Chapter 6: Death of a partner.
5. Chapter 7: Dissolution of a partnership firm.

+All the Chapters of PERIODIC TEST-I mentioned below

6. Chapter 1: Accounting for partnership firms –Fundamentals
7. Chapter 2: Goodwill nature and valuation

PERIODIC TEST-3 CUM PRE-BOARD 1

1. Chapter 8: Company Accounts – Accounting for Share Capital
2. Chapter 9: Company Accounts-Issue of Debentures.
3. Chapter 10: Financial Statements of company.
4. Chapter 11: Accounting Ratio.
5. Chapter 12: Cash flow Statement.

PRE-BOARD 2

All the chapters covered till PRE-BOARD 1 mentioned below

1. Chapter 1: Accounting for partnership firms –Fundamentals
2. Chapter 2: Goodwill nature and valuation
3. Chapter 3: Change in profit sharing ratio among the existing partners
4. Chapter 4: Admission of a partner
5. Chapter 5: Retirement of a partner.
6. Chapter 6: Death of a partner.
7. Chapter 7: Dissolution of a partnership firm.
8. Chapter 8: Company Accounts – Accounting for Share Capital
9. Chapter 9: Company Accounts-Issue of Debentures.
10. Chapter 10: Financial Statements of company.
11. Chapter 11: Accounting Ratio.
12. Chapter 12: Cash flow Statement.

SUBJECT: BUSINESS STUDIES

PERIODIC TEST - 1

1. Chapter 1: Nature and Significance of Management
2. Chapter 2: Principles of Management
3. Chapter 3: Business Environment

PERIODIC TEST – 2

1. Chapter 4: Planning
2. Chapter 5: Organising
3. Chapter 6: Staffing
4. Chapter11: Marketing management
+ all syllabus of PT-1 mentioned below
5. Chapter 1: Nature and Significance of Management
6. Chapter 2: Principles of Management
7. Chapter 3: Business Environment

PERIODIC TEST-3 cum PREBOARD-I

- 1.Chapter 7 : Directing
- 2.Chapter 8 : Controlling
- 3.Chapter 9 : Financial management
- 4.Chapter10: Financial market
- 5.Chapter12: Consumer protection

PREBOARD-II

All the chapters from Chapter 1 to Chapter 12

SUBJECT: ECONOMICS

Periodic Test - 1

Part - A : Macro Economics

Chapter - 5 : Money

Chapter - 6 : Banking : Commercial Banks and the Central Bank

Chapter -10 : Government Budget and the Economy

Part - B : Indian Economic Development

Chapter - 1 : Indian Economy on the Eve of Independence

Periodic Test - 2

Part - A : Macro Economics

Chapter - 1 : Circular Flow of Income

Chapter - 2 : Basic Concepts of Macroeconomics

Chapter - 3 : National Income and Related Aggregates

Chapter - 4 : Measurement of National Income

Chapter - 11 : Foreign Exchange Rate

Chapter - 12 : Balance of Payments

Part - B : Indian Economic Development

Chapter - 2 : Indian Economy (1950-1990)

Chapter - 3 : Liberalisation , Privatisation and Globalisation :
An Appraisal

+ All Chapters of Periodic Test - 1

Chapter - 5 : Money

Chapter - 6 : Banking : Commercial Banks and the Central Bank

Chapter -10 : Government Budget and the Economy

Chapter - 1 : Indian Economy on the Eve of Independence

Periodic Test - 3 Cum Pre-Board - 1

Part - A : Macro Economics

Chapter - 7 : Aggregate Demand and Related Concepts

Chapter - 8 : Income Determination and Multiplier

Chapter - 9 : Excess Demand and Deficient Demand

Part - B : Indian Economic Development

Chapter - 5 : Human Capital Formation

Chapter - 6 : Rural Development

Chapter - 7 : Employment : Growth , Informalisation and other issues

Chapter - 9 : Environment and Sustainable Development

Chapter - 10 : Comparative Development Experience of India and its Neighbours

Pre-Board- 2

All Chapters from Macroeconomics and Indian Economic Development

SUBJECT: HISTORY

PERIODIC TEST -1

1. Chapter 1 Brick Beads and Bones
2. Chapter 2. Kings, Farmers and Towns
3. Chapter 3. Kinship caste and class

HALFYEARLY EXAMINATION

1. Thinkers,Beliefs and buildings
 2. Through the eyes of travellers
 4. Bhakti Sufi Traditions
 5. An imperial capital, Vijaynagar
 6. Peasants, Zamindars and the state
- “ + All SYLLABUS OF PERIODIC TEST-1 ”**

PREBOARD -1

1. Colonialism and countryside
2. Rebels and the Raj
3. Mahatma Gandhi and National movement
4. Framing the constitution

PREBOARD -2

COMPLETE SYLLABUS

SUBJECT: POLITICAL SCIENCE

PERIODIC TEST – 1

Part A – Contemporary World Politics

1. Chapter 1: The End of Bipolarity
2. Chapter 2: Contemporary Centres of Power

Part B – Politics in India Since Independence

3. Chapter 1: Challenges of Nation-Building

PERIODIC TEST – 2

Part A – Contemporary World Politics

1. Chapter 3: Contemporary South Asia
2. Chapter 4: International Organizations
3. Chapter 5: Security in Contemporary World
4. Chapter 6: Environment and Natural Resources
5. Chapter 7: Globalization

Part B – Politics in India Since Independence

6. Chapter 2: Era of One-Party Dominance
7. Chapter 3: Politics of Planned Development
8. Chapter 4: Indian's External Relations
9. Chapter 5: Challenges to and Restoration of the Congress System

+ All Chapters of PERIODIC TEST – 1

PERIODIC TEST – 3 / PRE-BOARD – 1

Part B – Politics in India Since Independence

1. Chapter 6: The Crisis of Democratic Order
2. Chapter 7: Regional Aspirations
3. Chapter 8: Recent Developments in Indian Politics

Part A – Contemporary World Politics

4. Chapter 2: Contemporary Centres of Power
5. Chapter 3: Contemporary South Asia

Part B – Politics in India Since Independence

6. Chapter 1: Challenges of Nation-Building

PRE-BOARD – 2

Pre-Board 2 will cover the complete syllabus.

SUBJECT- PHYSICAL EDUCATION

PERIODIC TEST -1

Chapter 1: Management of Sporting Events

Chapter 2: Children & Women's In Sports

HALF YEARLY EXAM

Chapter 3: Yoga as Preventive Measure for Life Style

Chapter 4: Physical Education & Sports for CWSN (Children --with Special Needs – Divyang)

Chapter 5: Sports and Nutrition

Chapter 6: Test & Measurement in Sports

+ All chapters of periodic test -1

PERIODIC TEST – 3/ PRE-BOARD-1

Chapter 7: Physiology & Injuries in Sports

Chapter 9: Psychology & Sports

Chapter 10: Training in Sports

PRE-BOARD-2

Chapter 8: Biomechanics & Sports

Pre-Board 2 will cover the complete syllabus.

SUBJECT: YOGA

PERIODIC TEST -1

PART A - EMPLOYABILITY SKILLS

Unit 1: Communication Skills-IV

PART B - Subject Specific Skills

Unit 1: **Introduction to Yoga and Yoga practices.**

- Shatkarma meaning, purpose and their significance in yoga sadhana
- Yogasana - meaning, principal and their health benefit.
- Introduction to Pranayama and Dhyana and their health benefits
- Identify career opportunities in Yoga

PERIODIC TEST – 2

PART A - EMPLOYABILITY SKILLS

Unit 2: Self-Management Skills-IV

Unit 3: ICT Skills-IV

PART B - Subject Specific Skills

Unit 3: **Introduction to Yoga Text.**

- Concepts of Aahara (Diet) according yogic text.
- Significance of Hath Yoga practices in Health promotion.
- Concept of mental health well-being according to patanjali Yoga
- Yogic practice of Patanjali yoga: Bahiranga and Antranga Yoga
- Concept of healthy living style in Bhagavad Gita
- Importance of subjective experience in daily yoga practice

+ All the syllabus covered till PT – 1

PERIODIC TEST – 3/PRE-BOARD-1

PART A - EMPLOYABILITY SKILLS

Unit 4: Entrepreneurship

Unit 5: Green skills

PART B - Subject Specific Skills

Unit 3: **YOGA FOR HEALTH PROMOTION - II**

- Introduction to first aid and CPR
- Yogic management of stress and its consequences
- Yogic prevention of common diseases
- Yoga and personality development

PRE-BOARD-2

Pre-Board 2 will cover the complete revised syllabus.

COMPUTER SCIENCE

PERIODIC TEST -1

1. Chapter 1 : Revision Tour 1
2. Chapter 2 : Revision Tour 2

HALF YEARLY EXAM

3. Chapter 3 : Working with Functions
 4. Chapter 4 : Using Python Libraries
 5. Chapter 5 : File Handling
 6. Chapter 8 : Data structure- I (Overview)
 7. Chapter 9 : Data structure- II
- + **All Chapters of PT-1**

PERIODIC TEST-3 / PRE-BOARD – 1

8. Chapter 11 : Relational Databases
9. Chapter 12 : Simple Query in SQL
10. Chapter 13 : Table Creation and data manipulation commands
11. Chapter 14 : Grouping Records, Joins in SQL
12. Chapter 15 : Interface Python with MySQL
13. Chapter 10 : Communication and Network Concept

PRE-BOARD-2

Pre-Board 2 will cover the complete syllabus.