

SYLLABUS

for

CLASS-XII

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

IMPORTANT NOTE: -

- **THE SYLLABUS OF PRE-BOARD 2 AND BOARD EXAM WILL BE THE FULL REVISED SYLLABUS 2022-23 OF CBSE.**
- **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)

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

Poem:

- My Mother at Sixty Six

VISTAS:

- The Third Level

HALF YEARLY EXAM

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

WRITING SKILLS

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

LITERATURE:

BOOK FLAMINGO - Lessons:

- Lost Spring
- 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**

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 syllabus.

SUBJECT: PHYSICS

PERIODIC TEST - I

Unit I Electrostatics

Chapter 1: Electric charge & Electric Field

Chapter 2: Electrostatic Potential & Capacitance

Unit II Current Electricity

Chapter 3: Electric current and Resistance

HALF YEARLY EXAM

Unit III Magnetic Effect of Current & Magnetism

Chapter-4: Moving Charges and Magnetism

Chapter-5: Magnetism and Matter

Unit IV Electromagnetic Induction & Alternating Current

Chapter 6: Electromagnetic Induction

Chapter 7: Alternating Current

Unit V Electromagnetic Waves

Chapter-8: Electromagnetic Waves

Unit VI Optics

Chapter-9: Ray Optics & Optical Instruments

Chapter 10: Wave Optics

+ All chapters of PT-1

PRE-BOARD -1

Unit VII Dual Nature of Radiation & Matter

Chapter 11: Dual Nature of radiation and Matter

Unit VIII Atoms & Nuclei

Chapter 12: Atoms

Chapter 13: Nuclei

PRE-BOARD -2

Unit IX Electronic Devices

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

Pre-Board 2 will cover the complete syllabus.

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 SYLLABUS OF PERIODIC TEST-1”

PRE-BOARD -1

- Chapter 13: AMINES
- Chapter 14: BIO MOLECULES
- Chapter 8: THE d-and f-BLOCK ELEMENTS
- Chapter 9: COORDINATION COMPOUNDS

PRE-BOARD-2

Pre-Board 2 will cover the complete syllabus.

SUBJECT: MATHS

PERIODIC TEST -I

1. Chapter 1 : Relation and Functions
2. Chapter 2 : Inverse Trigonometric Functions
3. Chapter 3: Matrices

HALF YEARLY EXAM

1. Chapter 4: Determinants
2. Chapter 5: Continuity and Differentiability
3. Chapter 6: Application of Derivatives
4. Chapter 7: Integrals

+ All Chapters of PERIODIC TEST -1

PRE-BOARD -1

1. Chapter 8 : Applications of Integral
2. Chapter 9: Differential Equations
3. Chapter 10: Vectors
4. Chapter 11: Three- Dimensional Geometry
5. Chapter 12: Linear Programming

PRE – BOARD 2

1. 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 (Chain rule, Implicit, Parametric , Higher order derivatives)

HALF YEARLY EXAM

- Chapter 6 : Application of derivatives (Including Marginal cost and revenue functions)
Chapter 7: Integration
Chapter 12 : Linear Programming
Chapter : Index Numbers And Time Based Data
Chapter : Financial Mathematics
+ All Chapters of PERIODIC TEST -1

PRE-BOARD -1

- Chapter 8: Applications of Integration
Chapter 9 : Differential Equations
Chapter : Numbers, Quantification and Numerical Applications
Chapter 13 : Probability DISTRIBUTION (Including Poisson and Normal Distribution)

PRE-BOARD-2

- Chapter : Inferential Statistics

Pre-Board 2 will cover the complete syllabus.

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

PERIODIC TEST -1

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

HALF YEARLY EXAM

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

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

Pre-Board 2 will cover the complete syllabus.

SUBJECT: ACCOUNTANCY

PERIODIC TEST -1

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

HALF YEARLY EXAM

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

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

Pre-Board 2 will cover the complete syllabus.

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

HALF YEARLY EXAM

1. Chapter 4: Planning
 2. Chapter 5: Organising
 3. Chapter 6: Staffing
 4. Chapter 11: Marketing management
- + all syllabus of PT-1**

PRE-BOARD -1

1. Chapter 7 : Directing
2. Chapter 8 : Controlling
3. Chapter 9 : Financial management
4. Chapter 10: Financial market
5. Chapter 12: Consumer protection

PREBOARD-II

Pre-Board 2 will cover the complete syllabus.

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

HALF YEARLY EXAM

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

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

Pre-Board 2 will cover the complete syllabus.

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

HALF YEARLY EXAM

1. Chapter 4: Thinkers, Beliefs and buildings
2. Chapter 5. Through the eyes of travellers
4. Chapter 6 Bhakti Sufi Traditions
5. Chapter 7. An imperial capital, Vijaynagar
6. Chapter 8: Peasants , Zamindars and the state

+ All SYLLABUS OF PERIODIC TEST-1

PRE-BOARD -1

1. Chapter 10. Colonialism and countryside
2. Chapter 11. Rebels and the Raj
3. Chapter 13. Mahatma Gandhi and National movement
4. Chapter 14. Framing the constitution

PRE-BOARD-2

Pre-Board 2 will cover the complete syllabus.

SUBJECT: POLITICAL SCIENCE

PERIODIC TEST -1

Part A – Contemporary World Politics

1. Chapter 1: Cold War Era and Non-aligned Movement
2. Chapter 2: The End of Bipolarity

Part B – Politics in India Since Independence

3. Chapter 1: Challenges of Nation-Building

HALF YEARLY EXAM

Part A – Contemporary World Politics

1. Chapter 2: New Centers of Power
2. Chapter 3: Contemporary South Asia
3. Chapter 4: United Nations and its Organizations
4. Chapter 5: Security in Contemporary World
5. Chapter 6: Environment and Natural Resources
6. Chapter 7: Globalization

Part B – Politics in India Since Independence

7. Chapter 2: Planned Development
 8. Chapter 3: Indian's Foreign Policy
 9. Chapter 4: Parties and the Party Systems in India
- + All Chapters of PERIODIC TEST - 1**

PRE-BOARD -1

Part B – Politics in India Since Independence

1. Chapter 5: Democratic Resurgence
2. Chapter 6: Regional Aspirations
3. Chapter 7: Indian Politics: Recent Trends and Developments

Part A – Contemporary World Politics

4. Chapter 2: New Centers 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

PRE-BOARD -1

Chapter 7: Physiology & Injuries in Sports

Chapter 8: Biomechanics& Sports

Chapter 9: Psychology & Sports

PRE-BOARD-2

Chapter 10: Training in 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

HALF YEARLY EXAM

PART A - EMPLOYABILITY SKILLS

Unit 2: Self-Management Skills-IV

Unit 3: ICT Skills-IV

PART B - Subject Specific Skills

Unit 2: **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

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 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

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.