

# **SYLLABUS**

**for**

**CLASS-XI**

*(Science/Commerce/Humanities)*

**(Session:2023-2024)**

**IMPORTANT NOTE: -**

- **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](https://cbseacademic.nic.in/curriculum_2024.html)

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## **ENGLISH CORE (301)**

### **PERIODIC TEST – 1**

#### **READING: Two unseen passages for comprehension**

- Factual, descriptive or literary
- Case based (factual)

#### **GRAMMAR:**

- Gap filling (Tenses and clauses)

#### **WRITING SKILLS:**

- Poster Making (short writing skill)

#### **LITERATURE:**

##### **HORNBILL**

- The Portrait of a Lady (Prose)
- A Photograph (Poem)

##### **SNAPSHOTS**

- The Summer of the Beautiful White Horse (Prose)

### **HALF YEARLY EXAMS**

#### **READING:**

##### **(a) Two unseen passages for comprehension**

- Factual, descriptive or literary
- Life Skills and Value Education based

##### **(b) Note Making and Summarization based on a passage**

#### **GRAMMAR:**

- Questions on Re - ordering

#### **WRITING SKILLS:**

- Speech
- Debate {long writing skills}

#### **LITERATURE:**

##### **HORNBILL**

- “We’re Not Afraid to Die...if We Can Be Together” (Prose)

- Discovering Tut: The Saga Continues (Prose)
- The Laburnum Top (Poem)

#### SNAPSHOTS

- The Address (Prose)

**+ All the syllabus covered in Periodic Test -1**

#### PERIODIC TEST – 2

##### READING:

**(a)** One unseen passage for comprehension

- Factual, descriptive or literary

**(b)** Note Making and Summarization based on a passage

##### GRAMMAR:

- Transformation of Sentences

##### WRITING SKILLS:

- Classified Advertisements

##### LITERATURE:

###### HORNBILL

- The Adventure (Prose)
- The Voice of the Rain (Poem)
- Childhood (Poem)

###### SNAPSHOTS

- Mother's Day (Play)
- Birth (Prose)

#### ANNUAL EXAMS

##### LITERATURE:

###### HORNBILL

- Silk Road (Prose)
- Father to Son (Poem)

###### SNAPSHOTS

- The Tale of Melon City (Poem)

**+ All the Chapters (literature)/ Writing techniques/ Grammar/ Reading skills covered till Periodic Test - 2**

**SUBJECT - PHYSICS**

**PERIODIC TEST 1**

**UNIT 1 Physical world and Measurement**

1. Units and Measurement

**UNIT 2 Kinematics**

2. Motion in a straight line
3. Motion in a Plane

**PERIODIC TEST 2**

**Unit 3 Laws of Motion**

1. Laws of motion

**Unit 4 Work energy and power**

2. Work energy and power

**Unit 5 System of particles and rigid body**

3. System of particles and rotational motion

**Unit 6 Gravitation**

4. Gravitation

**+ All the chapters covered till PT1**

**PERIODIC TEST 3**

**Unit 7 Properties of bulk matter**

1. Mechanical properties of solids
2. Mechanical properties of fluids
3. 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 PT3 (Full syllabus)**

## **SUBJECT: CHEMISTRY**

### **PERIODIC TEST-1**

CHAPTER 1: SOME BASIC CONCEPTS OF CHEMISTRY

CHAPTER 2: STRUCTURE OF ATOM

### **HALF YEARLY EXAM**

CHAPTER 3: CLASSIFICATION OF ELEMENTS AND PERIODICITY IN PROPERTIES

CHAPTER 4: CHEMICAL BONDING AND MOLECULAR STRUCTURE

CHAPTER 6: CHEMICAL THERMODYNAMICS

CHAPTER 8: REDOX REACTIONS

**+ All the chapters covered in PERIODIC TEST-1**

### **PERIODIC TEST-2**

CHAPTER 7: EQUILIBRIUM

CHAPTER 12: ORGANIC CHEMISTRY: SOME BASIC PRINCIPLES AND  
TECHNIQUES

### **ANNUAL EXAM**

CHAPTER 13: HYDROCARBONS

**+ All the chapters covered till PERIODIC TEST-2**

## **SUBJECT: MATHS**

### **PERIODIC TEST -I**

1. Chapter 1:Sets
2. Chapter 2:Relations and Functions
3. Chapter 5: Complex Numbers

### **PERIODIC TEST -II**

1. Chapter 6: Linear Inequalities
2. Chapter 7: Permutations and Combinations
3. Chapter 8: Binomial Theorem
4. Chapter 10: Straight lines
5. Chapter 11: Conic Sections

### **+All Chapters of PERIODIC TEST - I**

### **PERIODIC TEST -III**

1. Chapter 3: Trigonometric Functions
2. Chapter 12: Introduction to Three Dimensional Geometry
3. Chapter 13: Limits and Derivatives
4. Chapter 9: Sequences and Series

### **ANNUAL EXAM**

1. Chapter 15: Statistics
2. Chapter 16: Probability

### **+ All the Chapters covered till PT-III**



## **SUBJECT: APPLIED MATHEMATICS**

### **PERIODIC TEST - 1**

Chapter 1:	Sets
Chapter 2:	Relations and Functions
Chapter 7:	Permutations and Combinations

### **PERIODIC TEST - 2**

Chapter :	Descriptive Statistics
Chapter 10:	Straight Lines
Chapter 11:	Conic Sections
Chapter 13:	Limits and Derivatives

**+ All Chapters Covered Till PT-1**

### **PERIODIC TEST - 3**

Chapter 9 :	Sequences and Series
Chapter :	Financial Mathematics
Chapter :	Numbers, Quantification and Numerical Applications
Chapter :	Mathematical Reasoning

### **ANNUAL EXAMS**

Chapter 16:	Probability
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**+ All Chapters Covered Till PT-3**

**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 1: The Living World
2. Chapter 2: Biological Classification
3. Chapter 3: Plant Kingdom
4. Chapter 4 : Animal Kingdom

### **HALF YEARLY EXAMS**

5. Chapter 5 : Morphology of Flowering Plants
6. Chapter 6: Anatomy of flowering plants
7. Chapter 7 : Structural Organisation in Animals
8. Chapter 8 : Cell: The Unit Of Life
9. Chapter 9 : Biomolecules
10. Chapter 10: Cell Cycle and Cell Division

**+All Chapters of PERIODIC TEST -1**

### **PERIODIC TEST -2**

11. Chapter 11: Photosynthesis in Higher Plants
12. Chapter 12: Respiration in Plants
13. Chapter 13: Plant growth and development
14. Chapter 14: Breathing and Exchange of Gases
15. Chapter 15: Body Fluids and Circulation
16. Chapter 16: Excretory Products and Their Elimination
17. Chapter 17: Locomotion and Movement

### **ANNUAL EXAM**

18. Chapter 18: Neural Control and Coordination
19. chapter 19: Chemical coordination and integration

**+ All the chapters covered in PT-1, HALF YEARLY and PT-2**

## **SUBJECT: ACCOUNTANCY**

### **PERIODIC TEST – 1**

- Chapter 1 Introduction to Accounting
- Chapter 2 Basic Accounting Terms
- Chapter 3 Theory Base of Accounting, Accounting Standards and IND AS (Indian Accounting Standards)
- Chapter 4 System of Accounting and Bases of Accounting

### **HALF - YEARLY EXAMINATION**

- Chapter 5 Goods and Service Tax (GST)
- Chapter 6 Origin of Transactions- Source Documents and Preparation of Vouchers
- Chapter 7 Accounting Procedures- Rules of Debit and Credit
- Chapter 8 Accounting Equation
- Chapter 9 Journal and Ledger
- Chapter 10 Special Purpose Books–I Cash Book
- Chapter 11 Special Purpose Books–II Subsidiary Books

#### **+ All the chapters of PT-1**

- Chapter 1 Introduction to Accounting
- Chapter 2 Basic Accounting Terms
- Chapter 3 Theory Base of Accounting, Accounting Standards and IND AS (Indian Accounting Standards)
- Chapter 4 System of Accounting and Bases of Accounting

### **PERIODIC TEST -2**

- Chapter 12 Bank Reconciliation Statement
- Chapter 13 Depreciation
- Chapter 14 Provisions and Reserves
- Chapter 15 Trial Balance

## **ANNUAL EXAMINATION**

Chapter 16 Rectification of Errors

Chapter 17 Financial Statements

Chapter 18 Adjustments in the preparation of Financial Statements

Chapter 19 Financial Statements- Incomplete Records

### **+ All the chapters of PT-1, Half Yearly examination and PT-2**

Chapter 1 Introduction to Accounting

Chapter 2 Basic Accounting Terms

Chapter 3 Theory Base of Accounting, Accounting Standards and IND AS (Indian Accounting Standards)

Chapter 4 System of Accounting and Bases of Accounting

Chapter 5 Goods and Service Tax (GST)

Chapter 6 Origin of Transactions- Source Documents and Preparation of Vouchers

Chapter 7 Accounting Procedures- Rules of Debit and Credit

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Chapter 11 Special Purpose Books–II Subsidiary Books

Chapter 12 Bank Reconciliation Statement

Chapter 13 Depreciation

Chapter 14 Provisions and Reserves

Chapter 15 Trial Balance

## **SUBJECT: BUSINESS STUDIES**

### **PERIODIC TEST -1**

Chapter 1 Nature and Purpose of Business

Chapter 2 Forms of Business Organisation (Till Joint Stock Company)

### **HALF - YEARLY EXAMINATION**

Chapter 2 Forms of Business Organisation

Chapter 3 Private, Public and Global Enterprises

Chapter 4 Business Services

Chapter 5 Emerging Modes of Business

**+ All the chapters of PT-1**

Chapter 1 Nature and Purpose of Business

### **PERIODIC TEST -2**

Chapter 6 Social Responsibilities of Business and Business Ethics

Chapter 7 Sources of Business Finance

Chapter 8 Small Business and Enterprises

### **ANNUAL EXAMINATION**

Chapter 9 Internal Trade

Chapter 10 International Business

**+ All the chapters of PT-1, Half Yearly Examination and PT-2**

Chapter 1 Nature and Purpose of Business

Chapter 2 Forms of Business Organisation

Chapter 3 Private, Public and Global Enterprises

Chapter 4 Business Services

Chapter 5 Emerging Modes of Business

Chapter 6 Social Responsibilities of Business and Business Ethics

Chapter 7 Sources of Business Finance

Chapter 8 Small Business and Enterprises

## **SUBJECT: ECONOMICS**

### **PERIODIC TEST – 1**

#### **PART A – STATISTICS FOR ECONOMICS**

1. Chapter 1 : Concept of Economics and Significance of Statistics in Economics
2. Chapter 2 : Collection of Data

#### **PART B – MICROECONOMICS**

1. Chapter 1 : Introduction
2. Chapter 3 : Demand
3. Chapter 4 : Elasticity of Demand

### **PERIODIC TEST – 2**

#### **PART A – STATISTICS FOR ECONOMICS**

1. Chapter 3 : Census and Sample Methods of Collection of Data
2. Chapter 4 : Organisation of Data
3. Chapter 9 : Measures of Central Tendency- Arithmetic Mean
4. Chapter 10 : Measures of Central Tendency- Median and Mode

#### **PART B – MICROECONOMICS**

1. Chapter 2 : Consumer's Equilibrium
2. Chapter 5 : Production Function
3. Chapter 6 : Cost

**+ All Chapters of PERIODIC TEST-1**

### **PERIODIC TEST – 3**

#### **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**

1. Chapter 7 : Revenue
2. Chapter 8 : Producer's Equilibrium
3. Chapter 9 : Supply

### **ANNUAL EXAM**

#### **PART A – STATISTICS FOR ECONOMICS**

1. Chapter 11 : Correlation
2. Chapter 12 : Index Numbers

#### **PART B – MICROECONOMICS**

1. Chapter 10 : Main Market Forms
  2. Chapter 11 : Price Determination with Simple Applications
- + All Chapters covered till PERIODIC TEST-3**

## **SUBJECT: HISTORY**

### **PERIODIC TEST -1**

1. Writing and city life
2. An empire across three continents

### **HALF YEARLY EXAMINATION**

3. Nomadic empires
4. The three orders
5. Changing cultural traditions

### **PERIODIC TEST -2**

6. Displacing indigenous people.  
+ The Three Orders

### **ANNUAL EXAM**

7. Paths to Modernization

**+ALL THE SYLLABUS OF PT-1, Half yearly & PT-2**



## **SUBJECT: POLITICAL SCIENCE**

### **PERIODIC TEST – 1**

#### **Part A - Indian Constitution at Work**

1. Chapter 1: Constitution: Why and How?
2. Chapter 2: Rights in the Indian Constitution
3. Chapter 9: Constitution as a Living Document
4. Chapter 10: The Philosophy of the Constitution

#### **Part B - Political Theory**

5. Chapter 1: Political Theory: An Introduction

### **HALF YEARLY EXAM**

#### **Part A - Indian Constitution at Work**

1. Chapter 3: Election and Representation
2. Chapter 4: Executive
3. Chapter 5: Legislature

#### **Part B - Political Theory**

4. Chapter 2: Freedom
5. Chapter 3: Equality
6. Chapter 4: Social Justice

**+ All the chapters covered till PT-1**

### **PERIODIC TEST – 2**

#### **Part A - Indian Constitution at Work**

1. Chapter 6: Judiciary
2. Chapter 7: Federalism
3. Chapter 8: Local Governments

#### **Part B - Political Theory**

4. Chapter 5: Rights
5. Chapter 6: Citizenship

### **ANNUAL EXAM**

#### **Part B - Political Theory**

1. Chapter 7: Nationalism
2. Chapter 8: Secularism

**+ All the chapters covered till PT-2**

## **SUBJECT- PAINTING (Theory) Code 049**

Book: An Introduction to Indian Art Part-1 (NCERT)

### **COURSE FOR PERIODIC TEST-1**

Chapter 1: Prehistoric Rock paintings

Chapter 2: Arts of the Indus Valley

### **COURSE FOR HALF-YEARLY EXAMS**

Chapter 3: Arts of the Mauryan Period

Chapter 4: Post-Mauryan Trends in Indian Art and Architecture

Chapter 5: Later Mural Traditions

**+ All chapters of Periodic Test-1**

### **COURSE FOR PERIODIC TEST-2**

Chapter 6: Temple Architecture and Sculpture

Chapter 7: Indian Bronze sculpture

### **COURSE FOR ANNUAL EXAMS**

Chapter 8: Some Aspects of Indo-Islamic architecture

**NOTE: Annual Exams will cover the complete syllabus**

## **SUBJECT: YOGA**

### **PERIODIC TEST -1**

#### **Unit 1: Introduction to Yoga and Yogic Practices - I**

1. Yoga: Etymology, definitions, aim, objectives and misconceptions
2. Yoga: It's Origin, history and development
3. Rules and regulations to be followed by Yoga Practitioners

#### **EMPLOYABILITY SKILLS**

1. Communications Skills – III

### **HALF YEARLY EXAM**

#### **Unit 1: Introduction to Yoga and Yogic Practices - I**

1. Yoga: Etymology, definitions, aim, objectives and misconceptions
2. Yoga: It's 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 (Sukshma Vyayama, Surya Namaskar and Asanas)

#### **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 Hata Pradpika.
4. Introduction and study of Gheranda Samhita.

#### **EMPLOYABILITY SKILLS**

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

## **PERIODIC TEST -2**

### **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

## **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 syllabus covered till PT – 2**

# **COMPUTER SCIENCE**

## **Periodic Test -1**

1. Chapter – 1 Computer System Overview
2. Chapter – 2 Data Representation
3. Chapter – 3 Boolean Logic

## **Periodic Test -2**

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

**+ all chapters covered in PT- 1 & PT-2**

## **Periodic Test -3**

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 chapters covered in PT- 1 & PT-2**