

CAMBRIDGE SCHOOL, INDIRAPURAM
SYLLABUS FOR FINAL TERM EXAMINATION
SESSION: 2023-24
CLASS-XI

ENGLISH CORE

➤ **Comprehension Skills**

- Discursive Passage
- Case-based Passage
- Note Making and Summarising

➤ **Grammar**

- Tenses
- Transformation of Sentences
- Sentence Reordering

➤ **Writing Skills**

- Classified Advertisements
- Poster Making
- Speech Writing
- Debate Writing

➤ **Literature**

❖ **Hornbill**

- The Portrait of a Lady
- A Photograph
- We're Not Afraid to Die...if We Can Be Together
- Discovering Tut: The Saga Continues
- The Laburnum Top
- The Voice of the Rain
- Childhood
- The Adventure
- Silk Road
- Father to Son

❖ **Snapshots**

- The Summer of the Beautiful White Horse
- The Address
- Mother's Day
- Birth
- The Tale of Melon City

MATHEMATICS

- Ch- Sets
- Ch- Relations & Functions
- Ch- Trigonometric Functions
- Ch- Complex Numbers and Quadratic Equations
- Ch- Linear Inequalities
- Ch- Permutations and Combinations
- Ch- Binomial theorem
- Ch- Sequence and Series
- Ch- Straight Lines
- Ch- Conic sections
- Ch- Introduction to Three-dimensional Geometry
- Ch- Limits and Derivatives
- Ch- Probability
- Ch- Statistics

BIOLOGY

- Ch- Biological Classification
- Ch- Morphology of Flowering Plants
- Ch- Anatomy of Flowering Plants
- Ch- Cell: The Unit of life
- Ch- Biomolecules
- Ch- Photosynthesis in Higher Plants
- Ch- Respiration in Plants
- Ch- Plant Growth and Development
- Ch- Breathing and Exchange of Gases
- Ch- Body Fluids and Circulation
- Ch- Excretory Products and their Elimination
- Ch- Locomotion and Movement
- Ch- Neural Control and Coordination
- Ch- Chemical Coordination and Integration

PHYSICS

- Ch- Units and Measurements
- Ch- Motion in a Straight Line
- Ch- Motion in a Plane
- Ch- Laws of Motion
- Ch- Work, Energy and Power
- Ch- System of Particles and Rotational Motion
- Ch- Gravitation
- Ch- Mechanical Properties of Solids
- Ch- Mechanical Properties of Fluids
- Ch- Thermal Properties of Matter
- Ch- Thermodynamics
- Ch- Kinetic Theory
- Ch- Oscillations
- Ch- Waves

CHEMISTRY

- Unit-1 Some basic concepts of Chemistry (from 1.10 to last)
- Unit-2 Structure of atom
- Unit-3 Periodic classification of elements
- Unit-4 Chemical Bonding
- Unit-5 Thermodynamics
- Unit-6 Equilibrium
- Unit-7 Redox reaction
- Unit-8 Organic chemistry-Some basic principles and techniques
- Unit-9 Hydrocarbons

ACCOUNTANCY

1. Introduction to Accounting
2. Basic Accounting Term
3. Theory base of Accounting and Accounting Standards
4. Bases of Accounting
5. Accounting Equation
6. Accounting Procedures Rules of Debit and Credit
7. Origin of transactions- Source Documents and Preparation of Voucher
8. Journal
9. Ledger

10. Special Purpose Books 1- Cash Book
11. Special Purpose Books 2- Other Subsidiary Books
12. Accounting of Goods and Service Tax
13. Bank Reconciliation Statement
14. Trial Balance
15. Depreciation
16. Provision and Reserves
17. Rectification of Errors
18. Financial Statements of Sole Proprietorship- without adjustments
19. Financial Statements of Sole Proprietorship with adjustments
20. Accounts from incomplete records- Single Entry System

BUSINESS STUDIES

1. Business, Trade and Commerce
2. Forms of Business Organizations
3. Private, Public and Global Enterprises
4. Business Services
5. Emerging modes of business
6. Social Responsibilities of Business and Business Ethics
7. Formation of a Company
8. Sources of Business Finance
9. MSME and Business Entrepreneurship
10. Internal Trade
11. International Business

ECONOMICS

➤ **Part A - Statistics for Economics**

1. Introduction
2. Collection, Organisation and Presentation of Data
3. Statistical Tools and Interpretation

➤ **Part B - Introductory Microeconomics**

1. Introduction
2. Consumer's Equilibrium and Demand
3. Producer Behaviour and Supply
4. Forms of Market and Price Determination under perfect competition with simple applications

COMPUTER SCIENCE

- Unit-1 Computer Systems and Organisation
- Unit-2 Computational Thinking and Programming -I
- Unit-3 Society, Law, and Ethics

INFORMATICS PRACTICES

- Unit-1 Introduction to computer system
- Unit-2 Introduction to Python
- Unit-3 Database concepts and the Structured Query Language
- Unit-4 Introduction to Emerging Trends

COMMERCIAL ART

- Unit-1 (a) Six Limbs of Indian Art, Painting and Fundamental of Visual Arts (Elements and Principles)
(b) Prehistoric Rock-Paintings and Art of Indus Valley
- Unit-2 Buddhist, Jain and Hindu Art
- Unit-3 Temple Sculpture, Bronzes and Artistic aspects of Indo-Islamic Architecture

GEOGRAPHY

➤ **Book 1- Fundamentals of Physical Geography**

1. Geography as a Discipline
2. The Origin and Evolution of the Earth
3. Interior of the Earth
4. Distribution of oceans and continents
5. Geomorphic Processes
6. Landform and their Evolution
7. Composition and Structure of Atmosphere
8. Solar Radiation, Heat balance and Temperature
9. Atmospheric Circulations and Weather Systems
10. Water in the Atmosphere
11. Water (Oceans)
12. Movements of Ocean Water

➤ **Book 2- India: Physical Environment**

1. India- Location
2. Structure and Physiography
3. Drainage System
4. Climate
5. Natural Vegetation

HISTORY

➤ **Themes**

2. Writing and City Life
3. An empire across the three continents
5. Nomadic empires
6. The three orders
7. Changing cultural traditions
10. Displacing indigenous peoples
11. Paths to modernisation

PSYCHOLOGY

- Ch- What is Psychology?
- Ch- Methods of Enquiry in Psychology
- Ch- Human Development
- Ch- Sensory, Attentional and Perceptual Processes
- Ch- Learning
- Ch- Human Memory
- Ch- Thinking
- Ch- Motivation and Emotion

POLITICAL SCIENCE

➤ **Indian Constitution at Work**

- Ch- Constitution: Why and How?
- Ch- Rights in the Constitution
- Ch- Election and representation
- Ch- Executive
- Ch- Legislature
- Ch- Judiciary
- Ch- Federalism
- Ch- Local Governments
- Ch- Constitution as a Living Document
- Ch- Philosophy of the Constitution

➤ **Political Theory**

- Ch- Political Theory: An Introduction
- Ch- Freedom
- Ch- Equality
- Ch- Justice
- Ch- Rights
- Ch- Citizenship
- Ch- Nationalism
- Ch- Secularism

SOCIOLOGY

➤ **Book I**

1. Sociology and Society
2. Terms, Concepts and their Use in Sociology
3. Understanding Social Institutions
4. Culture and Socialisation

➤ **Book 2**

1. Social Change and Social Order in Rural and Urban Society
2. Introducing Western Sociologists
3. Indian Sociologists

PHYSICAL EDUCATION

- Unit-1 Changing Trends and Careers in Physical Education
- Unit-2 Olympism Value Education
- Unit-3 Yoga
- Unit-4 Physical Education and Sports for Children with Special Needs
- Unit-5 Physical Fitness, Wellness, and Lifestyle
- Unit-6 Test, Measurement & Evaluation
- Unit-7 Fundamentals of Anatomy, Physiology in Sports
- Unit-8 Fundamentals of Kinesiology and Biomechanics in Sports
- Unit-9 Psychology and Sports
- Unit-10 Training & Doping in Sport