CAMBRIDGE SCHOOL, INDIRAPURAM
SYLLABUS FOR FINAL TERM EXAMINATION
SESSION: 2024-25
CLASS-XI

ENGLISH CORE

READING SKILLS

1. Discursive Passage
2. Case-Based Passage
3. Note Making and Summarising

WRITING SKILLS

1. Classified Advertisements
2. Poster Making
3. Speech Writing
4. Debate Writing

GRAMMAR

1. Gap Filling
2. Reordering of Sentences
3. Transformation of Sentences

LITERATURE

Hornbill

1. The Portrait of a Lady (Prose)
2. A Photograph (Poem)
3. "We're Not Afraid to Die… if We Can be Together (Prose)
4. Discovering Tut: the Saga Continues (Prose)
5. The Laburnum Top (Poem)
6. The Voice of the Rain (Poem)
7. Childhood (Poem)
8. The Adventure
9. Silk Road (Prose)
10. Father to Son (Poem)

Snapshots

1. The Summer of the Beautiful White Horse (Prose)
2. The Address (Prose)
3. Mother's Day (Play)
4. Birth (Prose)
5. The Tale of Melon City (Poem)

MATHEMATICS (041)

Chapter 1 Sets
Chapter 2 Relations & Functions
Chapter 3 Trigonometric Functions
Chapter 4 Complex Numbers and Quadratic Equations
Chapter 5 Linear Inequalities
Chapter 6 Permutations and Combinations
Chapter 7 Binomial theorem
Chapter 8 Sequence and Series
Chapter 9 Straight Lines
Chapter 10 Conic sections
Chapter 11 Introduction to Three-dimensional Geometry
Chapter 12 Limits and Derivatives
Chapter 13 Statistics
Chapter 14 Probability

APPLIED MATHEMATICS (241)

Chapter 1 Numbers
Chapter 2 Indices and Logarithms
Chapter 3 Quantitative Aptitude
Chapter 4 Mensuration
Chapter 5 Sets and Relations
Chapter 6 Sequences and Series
Chapter 7 Permutations and Combinations
Chapter 8 Logical Reasoning
Chapter 9 Functions
Chapter 10 Limits and Continuity
Chapter 11 Differentiation
Chapter 12 Probability
Chapter 13 Descriptive Statistics
Chapter 14 Compound Interest and Annuity
Chapter 15 Taxation
Chapter 16 Utility Bills
Chapter 17 Straight Line
Chapter 18 Circle and Parabola

BIOLOGY

Chapter 2 Biological Classification
Chapter 3 Plant Kingdom
Chapter 4 Animal Kingdom
Chapter 5 Morphology of Flowering Plants
Chapter 6 Anatomy of Flowering Plants
Chapter 9 Biomolecules
Chapter 10 Cell Cycle and Cell Division
Chapter 13 Photosynthesis in Higher Plants
Chapter 14 Respiration in Plants
Chapter 15 Plant Growth and Development
Chapter 17 Breathing and Exchange of Gases
Chapter 18 Body Fluids and Circulation
Chapter 19 Excretory Products and their Elimination
Chapter 20 Locomotion and Movement
Chapter 21 Neural Control and Coordination
Chapter 22 Chemical Coordination and Integration

PHYSICS

Chapter 1 Units and measurements
Chapter 2 Motion in a straight line
Chapter 3 Motion in a plane
Chapter 4 Laws of motion
Chapter 5 Work, Energy and Power
Chapter 6 System of particles and rotational motion.
Chapter 7 Gravitation
Chapter 8 Mechanical Properties of Solids
Chapter 9 Mechanical Properties of Fluids
Chapter 10 Thermal properties of matter
Chapter 11 Thermodynamics
Chapter 13 Oscillation
Chapter 14 Waves

CHEMISTRY

Unit 1 Some basic concepts of Chemistry
Unit 2 Structure of atom
Unit 3 Classification of elements and periodicity in properties
Unit 4 Chemical bonding and molecular structure
Unit 5 Thermodynamics
Unit 6 Equilibrium
Unit 7 Redox reactions
Unit 8 Organic chemistry: Some basic principles and techniques
Unit 9 Hydrocarbons

ACCOUNTANCY

Chapter 1 Introduction to Accounting
Chapter 2 Basic Accounting Terms
Chapter 3 Theory base of Accounting, Accounting Standards and Indian Accounting Standards
Chapter 4 Bases of Accounting
Chapter 5 Accounting Equation
Chapter 6 Rules of Debit and Credit
Chapter 7 Source Documents and preparation of vouchers
Chapter 8 Journal
Chapter 9 Ledger
Chapter 10 Special Purpose Books-1
Chapter 11 Special Purpose Books-2
Chapter 12 Accounting of Goods and Services Tax
Chapter 13 Bank Reconciliation Statement
Chapter 14 Trial Balance
Chapter 15 Depreciation
Chapter 16 Provision and Reserves
Chapter 17 Rectification of Errors
Chapter 18 Financial Statements of Sole Proprietorship (without adjustments)
Chapter 19 Financial Statements of Sole Proprietorship (with adjustments)
Chapter 20 Accounts from Incomplete records- Single Entry System

BUSINESS STUDIES

Chapter 1 Evolution and Fundamentals 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 Formation of a Company
Chapter 8 Sources of Business Finance
Chapter 9 Small Business and Enterprises
Chapter 10 Internal Trade
Chapter 11 International Business

ECONOMICS

Part A: Statistics for Economics

Unit 1 Introduction
Unit 2 Collection, Organisation and Presentation of data
Unit 3 Statistical Tools and Interpretation

Part B: Introductory Microeconomics

Unit 4 Introduction
Unit 5 Consumer's Equilibrium and Demand
Unit 6 Producer Behaviour and Supply
Unit 7 Perfect Competition - Price Determination and simple applications.

COMPUTER SCIENCE

Unit 1 Computer Systems and Organisation
Unit 2 Computational Thinking and Programming -1 with Functions
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 Pre-Historic rock paintings and art of Indus Valley
Unit 2 Buddhist, Jain and Hindu Art
Unit 3 Temple Sculptures, Bronzes and Artistic aspects of Indo-Islamic architecture

GEOGRAPHY

Book 1

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

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

HISTORY

Chapter 1 Writing and city life
Chapter 2 An empire across three continents
Chapter 3 Nomadic Empire
Chapter 4 Three Orders
Chapter 5 Changing cultural traditions
Chapter 6 Displacing indigenous peoples
Chapter 7 Paths to modernisation

PSYCHOLOGY

Chapter 1 What is Psychology?
Chapter 2 Methods of enquiry in Psychology
Chapter 3 Human Development
Chapter 4 Sensory, Attentional and Perceptual Processes.
Chapter 5 Learning
Chapter 6 Human Memory
Chapter 7 Thinking
Chapter 8 Motivation and Emotion

POLITICAL SCIENCE

Indian Constitution at work:

Chapter 1 Constitution: Why and How?
Chapter 2 Fundamental Rights
Chapter 3 Election and representation
Chapter 4 Legislature
Chapter 5 Executive
Chapter 6 Judiciary
Chapter 7 Federalism
Chapter 8 Local Government
Chapter 9 Constitution as a living document
Chapter 10 Philosophy of the Indian Constitution

Political theory:

Chapter 1 Political theory: An introduction
Chapter 2 Freedom
Chapter 3 Equality
Chapter 4 Rights
Chapter 5 Social Justice
Chapter 6 Citizenship
Chapter 7 Nationalism
Chapter 8 Secularism

SOCIOLOGY

Book 1

Chapter 1 Sociology and Society
Chapter 2 Terms, Concepts and their use in Sociology
Chapter 3 Social Institutions
Chapter 4 Culture and Socialisation

Book 2

Chapter 2 Social Change and Social Order in Rural and Urban Society
Chapter 4 Introducing Western Sociologists
Chapter 5 Indian Sociologist

PHYSICAL EDUCATION

Unit 1 Changing Trends & Career in Physical Education
Unit 2 Olympic Value Education
Unit 3 Yoga
Unit 4 Physical Education & Sports for CWSN
Unit 5 Physical Fitness, Wellness
Unit 6 Test, Measurements & Evaluation
Unit 7 Fundamentals of Anatomy and Physiology in Sports
Unit 8 Fundamentals of Kinesiology and Biomechanics in Sports

Unit 9 Psychology and Sports
Unit 10 Training & Doping in Sports

LEGAL STUDIES

Unit 1

Chapter 1 Concept of State
Chapter 2 Forms and Organs of Government
Chapter 3 Separation of Powers

Unit 2

Chapter 1 Salient features of the Constitution of India
Chapter 2 Administrative Law

Unit 3

Chapter 1 Jurisprudence, Nature and Meaning of Law
Chapter 2 Classification of Laws
Chapter 3 Sources of Law
Chapter 4 Law Reforms
Chapter 5 Cyber Laws, Safety and Security in India

Unit 4

Chapter 1 Judiciary: Constitutional, Civil and Criminal Courts and Processes

Unit 5

Chapter 1 Institutional Framework - Marriage and Divorce
Chapter 2 Child Rights
Chapter 3 Adoption
Chapter 4 Property, Succession, Inheritance
Chapter 5 Prevention of Violence against Women