

SYLLABUS OF CLASS XI – SA -1 EXAMINATION 2023

ENGLISH

1. Reading Skills
 - Discursive Unseen Passage
 - Factual Case based unseen passage
 - Unseen Passage for Note-Making & summary
2. Writing Skill
 - Poster
 - Speech
3. Grammar
 - Determiners
 - Tenses
4. Literature Textbook (Hornbill)
 - The Portrait of a Lady
 - We are not afraid to die...
 - Discovering Tut
 - Photograph
 - The Laburnum Top
 - The Voice of the rain
5. Supplement Reading Text (Snapshots)
 - The Summer of the beautiful white horse
 - The Address

CHEMISTRY

- Ch.1 some basic concepts of chemistry
- Ch.2 structure of atom
- Ch.3 classification of elements and periodicity in properties
- Ch.4 Chemical bonding

PHYSICS

- Ch.2 unit and measurements
- Ch.3 motion in a straight line
- Ch.4 motion in a plane
- Ch.5 laws of motion
- Ch.6 work energy and power
- Ch.7 system of particles and rotational motion
- Ch.8 gravitation

BIOLOGY

- Chapter 1: The Living World
- 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 8: The Cell- Unit of life
- Chapter 10: Cell cycle and cell division

MATHEMATICS

1. Sets
2. Relation and Function
3. Trigonometric Function
4. Complex number and Quadratic Equation
5. Linear In equalities
6. Permutation and combination

7. Binomial theorem

HISTORY

1. Writing and city life.
2. An empire across three continents.
3. Nomadic empire
4. The three orders

GEOGRAPHY

1. Geography as a Discipline
2. Origin and Evolution of Earth
3. Interior of the Earth
4. Distribution of Oceans and Continents
5. Geomorphic Processes
5. Landforms and Its Evolution
6. Composition and Structure of Atmosphere

ACCOUNTANCY

1. Introduction of Accounting
2. Theory base of Accounting
3. Recording of transaction I
4. Recording of transaction II
5. Bank Reconciliation statement
6. Trial Balance

BUSINESS STUDIES

1. Business Trade and Commerce
2. Forms of Business Organisation
3. Private, Public and Global Enterprises
4. Emerging Modern of Business
5. Business Services
6. Social Responsibilities of Business and Business Ethics

ECONOMICS

Microeconomics

1. Introduction
2. Theory of consumer behaviour and demands
3. Production and costs

Statistics

1. Introduction
2. Collection of data
3. Organisation of data
4. Presentation of data

PSYCHOLOGY

Ch.1 What Is Psychology

Ch.2 Methods of Enquiry in Psychology

Ch.4 Human Development

Ch.5 Sensory, Attentional and Perceptual Process

HINDI

आरोह

गद्य खंड

1. नमक का दारोगा
2. मियां नसीरुद्दीन
3. अपू के साथ ढाई साल
4. विदाई संभाषण
5. गलता लोहा

काव्य खंड

1. कबीर पद 1
2. मीरा पद 1
3. घर के याद
4. चंपा काले काले अच्छर नहीं चिन्हती
5. गज़ल

वितान

1. भारतीय गायिकाओं में बेजोड़ लता मंगेशकर
2. राजस्थान के रजत बूंदें

व्याकरण

1. अपठित गद्यांश
2. अपठित पद्यांश
3. पत्रकारिता की विधाएं
4. डायरी लेखन

MUSIC

1. Brief on Nada, Shruti, Swar, Saptak, Laya, chota khayal, swarlipi, taan, alap
2. Brief study of Musical Elements in Natya Shastra
3. Description of Prescribed Talas along with Tala Notation with Thah, Dugun and Chaugun, Teentala Ektala
4. Writing in notation the compositions of prescribed Ragas Bihag, Bhairavi

INFORMATICS PRACTICES:

Unit 1: Introduction to Computer System Introduction to computer and computing:

evolution of computing devices, components of a computer system and their interconnections, Input/output devices. Computer Memory: Units of memory, types of memory – primary and secondary, data deletion, its recovery and related security concerns. Software: purpose and types – system and application software, generic and specific purpose software.

Unit 2: Introduction to Python Basics of Python programming: Python interpreter - interactive and script mode, the structure of a program, indentation, identifiers, keywords, constants, variables, types of operators, precedence of operators, data types, mutable and immutable data types, statements, expressions, evaluation and comments, input and output statements, Control Statements: if-else, if-elif-else, while loop, for loop Lists: list operations - creating, initializing, traversing and manipulating lists, list methods and built-in functions – len(),list(),append(),insert(), count(),index(),remove(), pop(), reverse(), sort(), min(),max(),sum()

COMMERCIAL ART

1. A) six limbs of Indian art painting and fundamental of visual arts
B) Pre-historic rock paintings and art of Indus valley
2. Buddhist, Jain and Hindu art
3. Temple sculpture Bronze and artistic aspects of indo Islamic architecture

LEGAL STUDIES

1. Concept of state
2. Forms of organ of government
3. Administrative law
4. Sources of law
5. Classification of law
6. Jurisprudence
7. Salient features of the constitution
8. Separation of power

POLITICAL SCIENCE

1. Constitution- why & How
2. Rights in Indian Constitution
3. Judiciary
4. Executive
5. Legislative
6. Federation
7. Election and Representation
8. Local Government

PHYSICAL EDUCATION

1. Changing trends and career in physical education
2. Yoga
3. Olympics
4. Physical education and sports CSWN
5. Physical Fitness and Health Fitness
6. Test Measurement of evolution

MATHEMATICS (OPTIONAL)

1. Sets
2. Relation and Function
3. Trigonometric Function
4. Complex number and Quadratic Equation
5. Linear In qualities
6. Permutation and combination
7. Binomial theorem