COLUMBUS PUBLIC SCHOOL, RUDRAPUR
SYLLABUS FOR SECOND ASSESSMENT 2024-25
Class – XII

ENGLISH:

- **Reading Comprehension**:(Two Passages)
    1. Unseen Passage (factual, descriptive or literary/ discursive or persuasive)
    2. Case Based Unseen (Factual) Passage
- **Creative Writing Skills**:
    1. **Short Writing Tasks**
        - Notice Writing
        - Formal/Informal Invitation and Reply
    2. **Long Writing Tasks (One)**
        - Letter types include application for a job with Bio Data or Resume. Letters to the editor (giving suggestions or opinion on issues of public interest). One out of the two given questions to be answered.
        - Article/ Report Writing, descriptive and analytical in nature, based on verbal inputs. One out of the two given questions to be attempted.

  Literature:
    1. **Book-Flamingo(Prose)**
        - The Last Lesson, Lost Spring, Deep Water
    2. **Book-Flamingo(Poetry)**
        - My Mother at Sixty-Six, Keeping Quiet, A Thing of Beauty
    3. **Book-Vistas(Prose)**
        - The Third Level, The Enemy, Journey to the end of the Earth

HINDI:

- अपठित गद्यांश, अपठित पद्यांश
- अभिव्यक्ति और माध्यम
    1. विभिन्न माध्यमों के लिए लेखन, अप्रत्याशित विषयों पर लेखन, पत्रकारीय लेखन के विभिन्न रूप और लेखन प्रक्रिया, विशेष लेखनः स्वरूप और प्रकार
- पाठ्य पुस्तक आरोह
  गद्य खंड
  1. भक्तिन, बाजार दर्शन, काले मेघा पानी दे, पहलवान की ढोलक
  काव्य खंड
  1. आत्मपरिचय, एक गीत, कविता के बहाने, कैमरे में बंद अपाहिज, बात सीधी थी पर
- वितान
  1. सिल्वर वैडिंग, जूझ

MATHEMATICS:

- Matrix and Determinants
- Continuity and Differentiability
- Application of Derivatives
- Integrals
- Linear Programing Problems

PHYSICS

- Charge and Electric Field
- Electric Potential and Capacitance
- Current Electricity
- Magnetic Effect of Electric Current
- Earth Magnetism
- Electromagnetic Induction
- Alternating Current

CHEMISTRY
- Solutions
- Electro Chemistry
- Haloalkanes and Haloarenes
- Chemical Kinetics
- Alcohol, Phenol & Ethers

BIOLOGY
- Sexual Reproduction in Flowering Plants
- Human Reproduction
- Reproductive Health
- Principles of Inheritance and Variation
- Molecular Basis of Inheritance
- Evolution
- Biotechnology Principles and Processes
- Biotechnology and its Applications

POLITICAL SCIENCE:
- **PART A – Contemporary World Politics**
  - ➢ The End of Bipolarity
  - ➢ New Centres of Power
  - ➢ Contemporary South Asia
  - ➢ International Organisations
  - ➢ Security in the Contemporary World
  - ➢ Environment and Natural Resources
  - ➢ Globalisation
- **PART A – Contemporary World Politics**
  - ➢ Challenges of Nation Building
  - ➢ Era of one Party Dominance
  - ➢ Planned Development
  - ➢ India's Foreign Policy

HISTORY:
- ➢ Theme 1 – Bricks, Beads and Bones
- ➢ Theme 2 - Kings, Farmers and Towns
- ➢ Theme 3 – Kingship, Caste and Class
- ➢ Theme 4 – Thinkers, Beliefs and Buildings
- ➢ Theme 5-Through the Eyes of Traveller: Perceptions of Society
- ➢ Theme 6- Bhakti- Sufi Traditions(Changes in religious Beliefs and Devotional texts)
- ➢ Theme 7- An Imperial Capital Vijaynagar

ACCOUNTANCY:
- **Part A - ACCOUNTING FOR PARTNERSHIP FIRMS**
  - Fundamentals of Partnership
  - Change in profit Sharing Ratio
  - Admission of a Partner
  - Retirement and Death of a Partner
  - Dissolution of a Firm
  - Accounting for Shares

ECONOMICS
- **Introductory Macroeconomics**
  1. National Income and Related Aggregates
  2. Aggregate Demand and Supply (Taught Portion)
  3. Government Budget and the Economy
  4. Balance of Payments
- **Indian Economic Development**
  1. Development Experience (1947-90) and Economic Reforms since 1991
  2. Current challenges facing Indian Economy (half : 10 marks)
  - Rural Development
  - Environment and Sustainable Development

BUSINESS STUDIES:
- **PART A: Principles and Functions of Management**
  1. Nature and Significance of Management
  2. Principles of Management
  3. Business Environment
  4. Planning
  5. Organising
  6. Staffing
  7. Directing
  8. Controlling
- **PART B: Business Finance and Marketing**
  9. Financial Management

PHYSICAL EDUCATION:
- Management of Sporting Events
- Children and Women in Sports
- Physical Education and Sports for (CWSN)
- Sports & Nutrition

COMPUTER SCIENCE:
- Python Review
- User Defined Functions
- Data File Handling
- Data Structure: Stack
- Relational Database
- Commands in SQl
- Interfacing Python With mysql
- Networking Fundamentals

PSYCHOLOGY
- Variations in Psychological Attributes
- Self and Personality
- Meeting Life Challenge
- Psychological Disorders