## Dr. VIRENDRA SWARUP EDUCATION CENTRE, N-BLOCK, KIDWAI NAGAR SYLLABUS FOR IST TERM EXAM

## **CLASS XII-**

ENGLISH: LITERATURE (FLAMINGO) - The Last Lesson, The Lost Spring, Deep Water, The Rattrap, Indigo

POEMS – My Mother at Sixty Six, Keeping Quiet, A Thing of Beauty

VISTAS -The Tiger King, The Third Level, Journey to the End of the Earth, The Enemy

**READING** – Comprehension Passage

WRITING - Notice, Article, Letter, Invitation

PHYSICS: 1. Electric Charges and Fields

- 2. Electrostatic Potential and Capacitance
- 3. Current Electricity
- 4. Moving Charges and Magnetism
- 5. Magnetism and Matter

**CHEMISTRY:** 1. Solutions

- 2. Alcohol, Phenol and Ethers
- 3. d and f block Elements
- 4. Haloalkanes & Haloarenes
- 5. Chemical Kinetics

**BIOLOGY:** 1. Sexual Reproduction in flowering plants

- 2. Human Reproduction
- 3. Reproductive Health
- 4. Human Health and Diseases
- 5. Microbes in Human welfare
- 6. Organisms and Populations
- 7. Ecosystem
- 8. Biodiversity and Conservation

**MATHEMATICS:** 1. Inverse Trigonometric Functions

- 2. Matrices
- 3. Determinant
- 4. Continuity and Differentiation
- 5. Integration
- 6. Relation and Functions
- 7. Applications and Derivatives

**APPLIED MATHEMATICS: 1. Numerical Application** 

- 2. Matrices and Determinants
- 3. Differentiation
- 4. AOD
- 5. Linear Programming
- 5. Probability
- 6. Financial Maths
- 7. Quntification

**ACCOUNTS:** 1. Accounting for Share Capital

- 2. Accounting for Debentures
- 3. Financial Statements of a company
- 4. Analysis of Financial Statement

- 5. Accounting ratios
- 6. Cash Flow Statements

**BUSINESS STUDIES:** 1. Nature and significance of management

- 2. Principles of management
- 3. Business environment
- 4. Planning
- 5. Organising
- 6. Marketing management

**ECONOMICS : Indian Economics-** 1. Indian economy (1950-1990)

- 2. Economic reforms since 1991
- 3. Human capital formation in India
- 4. Rural Development
- 5. Employment

Macroeconomics – 1. National Income and related aggregates

- 2. Method of calculating National Income
- 3. Money
- 4. Banking
- 5. Short run equilibrium output
- 6. Aggregate Demand, Supply and related concepts

## HINDI: आरोह गद्य खंड -

- 1. भक्तिन
- 2. बाजार दर्शन
- 3. काले मेघा पानी दे
- 4. पहलवान की ढोलक

## आरोह काव्य खंड -

- 1. आत्मपरिचय, एक गीत
- 2. पतंग
- 3. कविता के बहाने, बात सीधी थी पर...
- 4. कैमरे में बंद अपाहिज

वितान - सिल्वर वेडिंग , जूझ

अभिव्यक्ति और माध्यम : विभिन्न माध्यमों के लिए लेखन, पत्रकारीय लेखन के विभिन्न रूप एवं लेखन प्रक्रिया, अपिठत गद्यांश एवं काव्यांश, रचनात्मक लेख, विशेष लेखन स्वरुप और प्रकार

**COMPUTER SCIENCE:** 1. Python Revision Tour – I

- 2. Python Revision Tour II
- 3. Working with Functions
- 4. Using Python Libraries
- 5. File Handling