DR. VIRENDRA SWARUP EDUCATION CENTRE, N-BLOCK, KIDWAI NAGAR

Class – XII

Pre – Board Examination (2026-27)

Maths

1. Relations and functions
2. Inverse trigonometric functions
3. Matrices
4. Determinant
5. Continuity and Diffrentiability
6. Application of derivative
7. Integrals
8. Application of Integration
9. Differential Equation
10. Vectors
11. 3 Dimensional Geometry
12. Probability
13. Linear Programming problems

Physics

1. Electric charges and fields
2. Electrostatic potential and capacitance
3. Current Electricity
4. Moving charge and Magnetism
5. Magnetism and matter
6. Electromagnetic Induction
7. Alternating Current
8. Electromagnetic waves
9. Dual Nature of Radiation and matter
10. Atoms
11. Nuclei
12. Semi-conductor
13. Ray Optics
14. Wave Optics

Chemistry

1. Solutions
2. Electrochemistry
3. Chemical Kinetics
4. d and f block elements
5. Coordination Compounds
6. Haloalkanes and Haloarenes
7. Alcohols, Phenols and Ethers
8. Aldehydes, Ketones and Carboxylic Acids
9. Amines
10. Biomolecules

Biology

1. Sexual Reproductive in Flowering plants
2. Human Reproduction
3. Reproductive Health
4. Principles of Inheritance and variation
5. Molecular basis of Inheritance
6. Evolution
7. Human health and diseases
8. Microbes in Human welfare
9. Biotechnology- Principle and Processes
10. Biotechnology and its Applications
11. Organisms and Populations
12. Ecosystem
13. Biodiversity and its conservation

Computers

1. Python Revision Tour
2. Python Revision Tour – II
3. Working with Functions
4. Using Python Libraries
5. File Handling
6. Exception Handling
7. Data Structures - Stack
8. Computer Networks
9. Database Management - Concept
10. SQL
11. Interface Python with MySOL

Hindi

आरोह - भाग - 2 काव्यखंड -

एक गीत, आत्म परिचय, पतंग, कविता के बहाने, बात सीधी थी पर , कैमरे में बंद अपाहिज उषा, कवितावली, लक्ष्मण मूर्छा और राम का विलाप, रुबाइयाँ, बादल राग, छोटा मेरा खेत, बगुलों के पंख

आरोह - भाग - 2 गद्य खंड -

भक्तिन, बाज़ार दर्शन, काले मेघा पानी दे, पहलवान की ढोलक, शिरीष के फूल, श्रम विभाजन और जातिप्रथा, मेरी कल्पना का आदर्श समाज

वितान - भाग - 2 -

सिल्वर वेडिंग, जूझ, अतीत में दबे पाँव

व्याकरण -

पुस्तक व उत्तरपुस्तिका में कराया गया समस्त कार्य

English

Flamingo

Prose

. The Last Lesson : Lost Spring
Deep water
. The Rattrap
. Indigo
. Poets and Pancakes
. The Interview
. Going Places

Poetry

. My Mother at Sixty-Six
. Keeping Quiet
. A Thing of Beauty
. A Roadside Stand
. Aunt Jennifer's Tigers

Vistas

. The Third Level
. The Tiger King
. Journey to the End of the Earth
. The Enemy
. On The Face of It Memories of Childhood

Writing Skills:

Notice, Letter to Editor, Job Application, Invitation, Article, Report

B.St.

1. Nature and significance of Management
2. Principles of Management
3. Business Environment
4. Planning
5. Organising
6. Staffing
7. Directing
8. Controlling
9. Financial Management
10. Financial Market
11. Marketing Management
12. Consumer Protection

Applied Maths

1. Numbers, Quantifications and Numerical Applications
2. Numerical Inequalities
3. Matrices
4. Determinants
5. Differentiation
6. Application of Derivatives
7. Integrals
8. Differential Equation
9. Probability
10. Time – based Date
11. Inferential Statistics
12. Perpetuity, Sinking funds and EMI
13. Returns, Growth and Depreciation
14. Linear Programming

Economics

Macroeconomics

Ch 1. Introduction
Ch 2. Some basic concepts of macroeconomics
Ch 3. National Income and related aggregates
Ch 4.Methods of calculating National Income
Ch 5. Money
Ch 6. Banking
Ch 7. Aggregate Demand, Aggregate Supply and related concepts
Ch 8. Short run equilibrium output
Ch 9. Problem of deficient demand and excess demand
Ch 10. Government budget and the Economy
Ch 11. Foreign exchange rate
Ch 12. Balance of payments

Indian Economics

Ch -1 Indian economy on the eve of Independence
Ch-2 Indian Economy (1950-1990)
Ch-3 Economic reforms since (1991): New economic policy
Ch-4 Human development formation in India
Ch-5 Rural development
Ch-6 Employment
Ch-7 Environment and sustainable development
Ch-8 Comparative development experience of India and its neighbours.

Accountancy

Volume 1: (Partnership)

Ch – 1 Accounting for partnership firm – fundamentals
Ch – 2 Goodwill: Nature and valuation
Ch – 3 Change in profit – sharing ratio among the existing partners
Ch – 4 Admission of a partner
Ch – 5 Retirement of a partner
Ch – 6 Death of a partner
Ch – 7 Dissolution of a partnership firm

Volume 2: (Shares)

Ch - 1 Issue of Shares
Ch – 2 Issue of Debentures

Volume 3: (Financial Statements)

Ch – 1 Financial statements of a company
Ch – 2 Financial statement analysis
Ch – 3 Accounting Ratios
Ch – 4 Cash flow statement
Ch – 5 Tools of financial statement analysis – Comparative statements and common size statements