

Maths

1. Relations and functions
2. Inverse trigonometric functions
3. Matrices
4. Determinant
5. Continuity and Differentiability
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

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

Hindi

आरोह - भाग - 2 काव्यखंड -

एक गीत, पतंग, कविता के बहाने, कैमरे में बंद अपाहिज उषा, कवितावली, लक्ष्मण मूर्छा और राम के विलाप, रुईयां, 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
- . The cutting of my long Hair
- . We too are Human Beings

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