1. ENGLISH

PAPER-1 - ESSAY

- Economic, historical, moral, political and social
- Science, including its history, philosophy, ethics, general principles and applications; environmental issues; technology and mathematics
- Literature, language, the arts, crafts, and the media

PAPER-2 - ANALYTICAL COMPREHENSION

2.ECONOMICS
30 Utility
31 Indifference curves and budget lines
32 Efficiency and market failure
33 Private costs and benefits, externalities and social costs and benefits
34 Types of cost, revenue and profit, short-run and long-run production
35 Different market structures
36 Growth and survival of firms
37 Differing objectives and policies of firms
38 Government policies to achieve efficient resource allocation and correct market failure
39 Equity and redistribution of income and wealth
40 Labour market forces and government intervention
41 The circular flow of income
42 Economic growth and sustainability
43 Employment and unemployment
44 Money and banking

3. PHYSICS
PAPER4
UNIT 16 CIRCULAR MOTION
UNIT17 GRAVITATIONAL FIELDS
UNIT 18 OSCILLATIONS
UNIT 19 THERMAL PHYSICS
UNIT 20 IDEAL GASES
UNIT 21 UNIFORM ELECTRIC FIELDS
UNIT 22 COULOMB'S LAW
UNIT23 CAPACITANCE
UNIT 24 MAGNETIC FIELD AND ELECTROMAGNETISM
UNIT 25 MOTION OF CHARGED PARTICLES
UNIT 26 ELECTROMAGNETIC INDUCTION
PAPER5
PLANNING ANALYSIS AND EVALUATION

4.CHEMISTRY
UNIT 19 Lattice energy
UNIT 20 Electrochemistry
UNIT 21Further aspects of equilibria
UNIT 22 Reaction kinetics
UNIT 23 Entropy and Gibbs free energy
UNIT 24 Transition elements
UNIT 25 Benzene and its compounds
UNIT 26   Carboxylic acids and their derivatives
UNIT 27 Organic nitrogen compounds
UNIT 28 Polymerisation

5. MATHEMATICS
(PURE MATHEMATICS)
CH-1: ALGEBRA
CH-2: LOGARITHMS AND EXPONENTIALS
CH-3: TRIGONOMETRY
CH-4: DIFFERENTIATION
CH-5: INTEGRATION
CH-6: NUMERICAL SOLUTION OF EQUATIONS
CH-7: FURTHER ALGEBRA
CH-8: FURTHER CALCULUS

(STATISTICS)
CH-2: POISSON DISTRIBUTION
CH-3: LINEAR COMBINATION OF RANDOM VARIABLES
CH-4: CONTINUOUS RANDOM VARIABLES
CH-5: SAMPLING
CH-6: ESTIMATION

6. BIOLOGY
1. Energy and respiration
2. Photosynthesis
3. Homeostasis
4. Control and coordination
5. Inheritance
6. Selection and evolution.

7. COMPUTER SCIENCE
Chapter13 - Data Representation
Chapter 14 - Communication and Internet Technologies
Chapter 15 - Hardware
Chapter 16 - System Software and Virtual Machines
Chapter 17 Security
Chapter 18 Artificial Intelligence (AI)
Chapter 19 - Computational thinking and problem solving
Chapter 20 - Further programming

8. PSYCHOLOGY
Specialist Option 1: Clinical Psychology
- Schizophrenia
- Mood (affective) disorders: depressive disorder (unipolar) and bipolar disorder
- Impulse control disorders
- Anxiety disorders and fear-related disorders
- Obsessive-compulsive disorder (OCD)

Specialist Option 4: Organizational Psychology
- Motivation to work

9. BUSINESS
Unit 1. Business and its Environment
Unit 2. Human Resource Management
Unit 5. Finance and Accounting

10. ACCOUNTS
Financial Accounting
3.1 Preparation of financial statements
3.2 Regulatory and ethical considerations
3.3 Business acquisition and merger
3.4 Computerised accounting systems
3.5 Analysis and communication of accounting information
Cost and management accounting
4.1 Activity based costing (ABC)
4.2 Standard costing