

1. ENGLISH

> Essay Writing (with special focus on mind-mapping & unpacking, language accuracy, structure)

> 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

3. PHYSICS

16. circular motion

17. Gravitational fields

18. Oscillations

19. Thermal physics

4. CHEMISTRY

Unit 19 Lattice energy

Unit 20 Electrochemistry

Unit 21 Further aspects of equilibria

Unit 22 Reaction kinetics

Unit 23 Entropy and Gibbs free energy

Unit 24 Transition elements

Unit 25 Benzene and its compounds

5. MATHEMATICS

Pure Maths:

Ch1: Algebra

Ch2: Logarithms and Exponentials

Statistics:

Ch1: Poisson Distribution

6. BIOLOGY

Chapter 1: Cell structure

Chapter 2: Biological molecules

Chapter 3: Enzymes

Chapter 4: Cell membranes and transport

Chapter 5: The mitotic cell cycle

Chapter 6: Nucleic acids and protein synthesis.

7. COMPUTER SCIENCE

Chapter 13 - Data Representation

Chapter 14 - Communication and Internet Technologies

Chapter 15 - Hardware

Chapter 16 - System Software and Virtual Machines

Chapter 17 Security

Chapter 19 - Computational Thinking and Problem Solving

8. PSYCHOLOGY

Schizophrenia

- Diagnostic Criteria for Schizophrenia
- Explanations of Schizophrenia
- Treatment and Management of Schizophrenia

Mood (affective) disorders: depressive disorder (unipolar) and bipolar disorder

- Diagnostic Criteria for mood (affective) disorders
- Explanations of mood (affective) disorders
- Treatment and Management of mood (affective) disorders

9. BUSINESS

Unit 1. Business and its environment.

Unit 5. Finance and accounting.

10. ACCOUNTS

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