

Biology			
Chapter Name		Questions in 2024	Questions in 2023
Unit I: Reproduction	1. Reproduction in organisms	0	2
	2. Sexual reproduction in flowering plants	3	2
	3. Human Reproduction	3	2
	4. Reproductive health	5	2
Unit II: Genetics and Evolution	5. Heredity and variation: Mendelian Inheritance	3	8
	6. Molecular Basis of Inheritance	5	3
	7. Evolution	4	3
Unit III: Biology and Human Welfare	8. Health and Disease	4	3
	9. Improvement in food production	0	3
	10. Microbes in human welfare	3	3
Unit IV: Biotechnology and Its Applications	11. Principles and process of Biotechnology	4	2
	12. Application of Biotechnology in health and agriculture	4	9
Unit V: Ecology and environment	13. Organisms and environment	3	2
	Ecosystems	4	2
	Biodiversity and its conservation	5	2
	Environmental issues	0	2

Physics		
Chapter Name	Questions in 2024	Questions in 2023
Unit I: Electrostatics	8	7
Unit II: Current Electricity	7	6
Unit III: Magnetic Effects of Current and Magnetism	6	6
Unit IV: Electromagnetic Induction and Alternating Currents	8	6
Unit V: Electromagnetic Waves	3	3
Unit VI: Optics	8	8
Unit VII: Dual Nature of Matter and Radiation	3	3
Unit VIII: Atoms and Nuclei	5	5
Unit IX: Electronic Devices	2	4
Unit X: Communication Systems	0	2

Chemistry		
Chapter Name	Questions in 2024	Questions in 2023
Unit I: Solid State	1	2
Unit II: Solutions	4	3
Unit III: Electrochemistry	3	3
Unit IV: Chemical Kinetics	5	3
Unit V: Surface Chemistry	0	5
Unit VI: General Principles and Processes of Isolation of Elements	0	2
Unit VII: p-Block Elements	2	5
Unit VIII: d and f Block Elements	8	5
Unit IX Coordination Compounds	3	2
Unit X: Haloalkanes and Haloarenes	3	3
Unit XI: Alcohols, Phenols, and Ethers	3	3
Unit XII: Aldehydes, Ketones, and Carboxylic Acids	7	6
Unit XIII: Organic Compounds Containing Nitrogen	5	3
Unit XIV: Biomolecules	4	3
Unit XV: Polymers	1	1
Unit XVI: Chemistry in Everyday Life	1	1

Core Mathematics		
Chapter Name	Questions in 2024	Questions in 2023
Relations and Functions	2	3
Inverse Trigonometric Functions	1	2
Matrices and Determinants	9	1
Continuity and Differentiability	5	3
Application of Derivatives	6	5
Integrals	4	3
Application of Integrals	3	3
Differential Equations	3	5
Vectors and 3D Geometry	7	7
Linear Programming	4	3
Probability	6	6