

Biology

S.No.	Chapter Name	No of Question	Total Marks	Weightage
1.	Biological Classification	9	36	5%
2.	Principles of Inheritance and Variation	7	28	3.9%
3.	Morphology of Flowering Plant	6	24	3.33%
4.	Cell : The Unit of Life	6	24	3.33%
5.	Animal Kingdom	4	16	2.22%
6.	Sexual Reproduction in Flowering Plants	4	16	2.22%
7.	Human Reproduction	4	16	2.22%
8.	Environmental Issues	4	16	2.22%
9.	Ecosystem	4	16	2.22%
10.	Molecular Basis of Inheritance	3	12	1.67%
11.	Human Health and Diseases	3	12	1.67%
12.	Body Fluids and Circulation	3	12	1.67%
13.	Neural Control and Coordination	2	8	1.11%
14.	Biotechnology: Principles and Processes	2	8	1.11%
15.	Anatomy of Flowering Plants	2	8	1.11%
16.	Locomotion and Movement	2	8	1.11%
17.	Microbes in Human Welfare	2	8	1.11%
18.	Photosynthesis	2	8	1.11%
19.	Chemical coordination and Integration	2	8	1.11%
20.	Evolution	2	8	1.11%
21.	Excretory Products and Their Elimination	2	8	1.11%
22.	Biomolecules	2	8	1.11%
23.	Organisms and Populations	2	8	1.11%

24.	Structural Organization in Animals	1	4	0.55%
25.	Cell Cycle and Cell Division	1	4	0.55%
26.	Reproduction in Organisms	1	4	0.55%
27.	Biotechnology and Its Applications	1	4	0.55%
28.	Strategies for Enhancement in Food Production	1	4	0.55%
29.	Digestion and Absorption	1	4	0.55%
30.	Transportation in Plants	1	4	0.55%
31.	Reproductive Health	1	4	0.55%
32.	Mineral Nutrition	1	4	0.55%
33.	Breathing and Exchange of Gases	1	4	0.55%
34.	Plant and Growth Development	1	4	0.55%

Physics

S.No.	Chapter Name	No of Question	Total Marks	Weightage
1.	Mechanical Properties of Solids and Fluids	5	20	2.78%
2.	Current Electricity	4	16	2.22%
3.	Dual Nature of Radiation and Matter	3	12	1.67%
4.	Moving Charges and Magnetism	3	12	1.67%
5.	Thermodynamics	3	12	1.67%
6.	System of Particles and Rotational Motion	3	12	1.67%
7.	Work, Energy and Power	3	12	1.67%
8.	Motion in a Plane	2	8	1.11%
9.	Ray Optics and Optical Instruments	2	8	1.11%
10.	Wave Optics	2	8	1.11%

11.	Thermal Properties of Matter and Kinetic Theory	2	8	1.11%
12.	Atoms	2	8	1.11%
13.	Gravitation	2	8	1.11%
14.	Motion in a Straight Line	1	4	0.56%
15.	Alternating Current	1	4	0.56%
16.	Waves	1	4	0.56%
17.	Electric Charges and Fields	1	4	0.56%
18.	Electrostatic Potential and Capacitance	1	4	0.56%
19.	Semiconductor	1	4	0.56%
20.	Laws of Motion	1	4	0.56%

Chemistry

S.No.	Chapter Name	No of Question	Total Marks	Weightage
1.	The p-Block Elements	5	20	2.78%
2.	Equilibrium	4	16	2.22%
3.	Some Basic Concepts of Chemistry	4	16	2.22%
4.	Aldehydes, Ketones and Carboxylic Acids	4	16	2.22%
5.	Chemical Bonding	3	12	1.67%
6.	Coordination Compounds	3	12	1.67%
7.	Thermodynamics and Thermochemistry	2	8	1.11%

8.	Some Basic Principles and Techniques	2	8	1.11%
9.	Alkanes, Alkenes and Alkynes	2	8	1.11%
10.	Haloalkanes and Haloarenes	2	8	1.11%
11.	The d and f block	2	8	1.11%
12.	Solutions	2	8	1.11%
13.	Solid State	2	8	1.11%
14.	Alcohols, Phenols and Ethers	2	8	1.11%
15.	Phenols	1	4	0.56%
16.	Chemical Kinetics	1	4	0.56%
17.	Hydrocarbons	1	4	0.56%
18.	Hydrogen and S block	1	4	0.56%
19.	Polymers	1	4	0.56%
20	States of Matter	1	4	0.56%