

# Answers

## Physics

Q. No.	Answer	Topic Name	Q. No.	Answer	Topic Name
1	(4)	Vector	16	(1)	Atomic Structure & Matter Wave
2	(1)	Units & Dimensions	17	(3)	Optics
3	(1)	One Dimension	18	(1)	Photoelectric Effect
4	(4)	Projectile	19	(3)	Optics
5	(2)	Newton's Law of Motion	20	(3)	Kinetic Theory of Gases
6	(4)	Friction	21	108	Sound Wave
7	(3)	Calorimetry	22	[2.77 or 2.78 or 2.76]	Transverse Wave

8	(2)	Kinetic Theory of Gases	23	14.17	Thermal Expansion
9	(3)	Thermodynamics	24	1.32	Electrostatics
10	(2)	Heat Transfer	25	3.00	Capacitance
11	(1)	Reflection at Plane and Curve Surface	26	2.43	Electromagnetic Induction
12	(2)	Refraction at Plane Surface	27	4.00	Current Electricity
13	(3)	Prism	28	20.00	Simple Harmonic Motion
14	(2)	Refraction at Curve Surface	29	3.00	Fluid Mechanics
15	(1)	Kinetic Theory of Gases	30	0.05	Electromagnetic Induction

## Chemistry

Q. No.	Answer	Topic's name	Q. No.	Answer	Topic's name
31	(2)	IPUAC	46	(4)	Practical Organic Chemistry
32	(4)	Isomerism	47	(4)	Coordination compound
33	(1)	Properties of Acids	48	(3)	Aromatic hydrocarbon
34	(2)	solutions	49	(3)	Salt Analyse
35	(1)	equilibrium	50	(3)	alchols
36	(1)	D and f block	51	241.10	Chemical kinetics
37	(3)	General Organic Chemistry	52	2	solution
38	(1)	Hydrocarbon	53	2.67	Electrochemistry
39	(3)	Aromatic Compound	54	12	hydrocarbon
40	(4)	Halogen Dervitative	55	243.92	Solution
41	(2)	Alcohol, Ether & Phenol	56	1	Chemical bonding
42	(4)	Carbonyl Compound	57	90.00	Mole Concept
43	(1)	Carboxylic Acid	58	2	hydrocarbon
44	(2)	Nitrogen Compound	59	11.65	Chemical Bonding
45	(1)	Biomolecules	60	3.48	Periodic Table

## Mathematics

Q. No.	Answer	Topic's name	Q. No.	Answer	Topic's name
61	(2)	Indefinite Integration	76	(4)	Differential Equation
62	(3)	Definite Integration	77	(3)	Complex Numbers
63	(3)	Area under Curve	78	(1)	Three Dimensional Lines
64	(3)	Tangent and Normal	79	(1)	Straight line
65	(1)	Increase and Decrease Functions	80	(1)	Matrices
66	(4)	Maxima & Minima	81	14.00	Probability
67	(4)	Logarithm	82	2.00	Circles
68	(1)	Quadratic Equations	83	6.00	Trigonometric Equations

69	(3)	Geometric Progression	84	5.00	Inverse Trigonometric Functions
70	(2)	Binomial Theorem	85	24	Statistics
71	(3)	Straight Line & Point	86	863.00	Permutations and Combinations
72	(2)	Circle	87	90.00	Determinant
73	(2)	Parabola	88	2.00	Functions
74	(3)	Tangent and Normal	89	1.00	Limits
75	(1)	Hyperbola	90	2.00	Continuity and Differentiability