

CHAPTERWISE TREND ANALYSIS OF AIPMT PAPERS (2006-2015)
PHYSICS

Ch. No.	Chapter Name	Number of Question(s)in									
		2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
1	Units, and Measurements	1	1	2	1	1	1	1	2	1	1
2	Motion in a Straight Line	3	2	4	2	3	2	2	2	0	1
3	Motion in a Plane	3	3	2	2	2	5	2	2	1	1
4	Laws of Motion	2	1	1	1	1	3	0	2	3	2
5	Work, Energy and Power	2	1	2	4	2	3	2	3	1	3
6	System of Particles and Rotational Motion	2	3	2	3	3	3	3	2	2	3
7	Gravitation	1	1	0	1	2	3	3	2	3	2
8	Mechanical properties of Solids	0	0	0	0	0	0	0	1	1	1
9	Mechanical properties of Fluids	0	0	0	0	0	0	0	1	1	1
10	Thermal Properties of Matters	1	2	2	2	2	0	2	2	2	2
11	Kinetic Theory	1	0	1	1	0	0	0	2	1	2
12	Thermodynamics	1	1	1	2	1	4	0	2	2	2
13	Oscillations	1	2	3	2	2	3	0	0	1	2
14	Waves	4	1	3	2	2	1	1	3	3	1
15	Electrostatics	4	4	3	2	2	6	3	2	3	2
16	Current Electricity	4	5	5	5	4	7	4	3	4	3
17	Moving Charges and Magnetism	1	4	3	1	0	2	2	3	2	2
18	Magnetism and Matter	2	1	0	2	2	2	1	1	1	0
19	Electromagnetic Induction	2	2	1	2	5	1	2	1	1	1
20	Alternating Current and EM Waves	2	1	1	1	1	6	1	2	2	2
21	Ray Optics and Optical Instruments	2	2	2	0	2	4	5	2	2	2
22	Wave Optics	0	1	0	2	1	1	1	2	2	2
23	Dual Nature of Radiation and Matter	4	3	4	3	3	8	3	2	2	2
24	Atoms and Nuclei	4	5	4	5	4	7	7	3	3	3
25	Semiconductor Electronics	3	4	4	4	5	8	5	3	2	2
26	Communication systems	0	0	0	0	0	0	0	0	0	0
Total Questions		50	50	50	50	50	50	50	45	45	45

CHEMISTRY

Ch. No	Chapter Name	Number of Question(s) in									
		2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
1	Same Basic Concepts of Chemistry	0	2	4	1	1	0	0	1	2	1
2	Structure of Atom	2	1	2	3	1	3	2	3	2	0
3	Classification of Elements and Periodicity in Properties	1	2	1	1	2	0	1	0	1	1
4	Chemical Bonding and Molecular structure	7	2	3	4	4	2	3	4	3	5
5	States of Matter	1	1	2	1	0	4	1	2	1	0
6	Thermodynamics	4	2	3	2	2	2	3	0	2	0
7	Equilibrium	3	4	5	3	6	2	3	2	4	3
8	Redox Reactions	0	0	0	0	1	0	2	0	1	0
9	Hydrogen	0	0	0	0	0	0	0	0	1	0
10	The s and p-Block Elements	3	5	4	6	4	3	4	6	1	3
11	Organic Chemistry-Some Basic Principles and Techniques	3	5	7	4	7	4	2	4	2	4
12	Hydrocarbons	0	2	1	2	2	1	1	1	1	4
13	Environmental Chemistry	0	0	0	0	0	1	1	1	1	0
14	The Solid State	1	1	3	1	1	0	2	2	1	1
15	Solutions	4	2	1	1	3	3	1	1	0	3
16	Electrochemistry	2	2	3	3	0	3	1	3	2	1
17	Chemical Kinetics	2	3	2	4	3	2	2	2	0	2
18	Surface Chemistry	1	1	0	0	0	1	2	0	1	1
19	General Principles and Processes of Isolation of Elements	0	2	0	0	0	2	3	0	0	1
20	The d and f-Block Elements	3	2	0	2	2	2	1	3	5	5
21	Co-ordination Chemistry	2	2	2	2	3	3	1	2	2	2
22	Haloalkanes and Haloarenes	0	0	0	1	0	0	0	0	1	1
23	Alcohols, Phenols and Ethers	2	0	0	3	0	0	1	1	3	1
24	Aldehydes, Ketones and Carboxylic Acids	3	5	2	1	3	1	3	2	1	3
25	Amines	2	1	2	1	2	2	0	2	2	1
26	Biomolecules	2	1	1	2	1	1	3	0	2	0
27	Polymers	1	1	1	1	1	1	2	2	2	1
28	Chemistry in Action	1	1	1	1	1	2	0	1	1	1
Total Questions		50	50	50	50	50	50	50	45	45	45

BIOLOGY

Ch. No	Chapter Name	Number of Question(s) in									
		2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
1	The Living World	0	4	1	1	0	1	0	1	0	0
2	Biological Classification	5	4	4	3	3	8	4	1	6	2
3	Plant Kingdom	3	5	3	3	3	1	3	4	4	4
4	Animal Kingdom	7	1	5	2	4	3	1	4	4	3
5	Morphology of Flowering Plants	5	1	1	2	3	4	7	2	5	5
6	Anatomy of Flowering Plants	1	2	3	5	3	4	5	3	2	4
7	Structural Organisations in Animals	2	1	1	6	1	3	2	1	2	2
8	Cell: The Unit of Life	2	2	3	4	4	4	5	3	4	4
9	Biomolecules	1	1	1	0	1	2	3	4	2	1
10	Cell Cycle and Cell Division	0	0	0	2	2	1	2	2	3	2
11	Transport in Plants	2	2	2	1	0	0	0	1	0	1
12	Mineral Nutrition	0	2	1	2	3	4	3	1	1	2
13	Photosynthesis	2	3	3	2	3	2	2	1	1	2
14	Respiration in Plants	2	2	3	1	1	0	0	2	1	0
15	Plant Growth and Development	3	3	1	2	2	0	0	2	4	2
16	Digestion and Absorption	1	2	3	4	2	2	1	1	2	2
17	Breathing and Exchange of Gases	0	1	2	0	2	0	1	2	1	2
18	Body Fluids and Circulation	4	0	2	5	3	5	0	1	2	3
19	Excretory Products and their Elimination	1	2	2	2	3	5	1	1	1	2
20	Locomotion and Movement	0	1	1	2	0	0	1	3	1	2
21	Neural Control and Coordination	0	3	4	2	1	2	3	2	3	2
22	Chemical Coordination and Regulation	6	3	2	1	4	2	3	3	2	1
23	Reproduction in Organisms	0	0	0	1	0	1	1	3	0	0
24	Sexual Reproduction in Flowering Plants	2	3	6	3	4	5	3	6	3	4
25	Human Reproduction	1	1	3	7	11	3	4	3	3	3
26	Reproductive Health	0	0	2	0	1	2	2	3	3	1
27	Heredity and variation	9	6	1	5	5	4	2	4	4	3
28	Molecular basis of Inheritance	2	6	4	5	4	1	4	2	4	6
29	Evolution	5	11	6	1	1	1	4	4	2	1
30	Health and disease	3	3	4	5	3	5	6	2	2	6
31	Strategies for Enhancement in Food Production	8	6	3	2	2	3	2	1	1	2
32	Microbes in Human Welfare	1	2	3	0	3	2	7	2	1	0
33	Biotechnology: Principles and processes	0	0	1	1	5	2	5	2	3	0
34	Biotechnology and its Applications	0	0	2	3	3	3	1	1	2	3
35	Organisms and Environment	3	4	1	2	2	4	0	2	4	2
36	Ecosystem	1	1	4	2	2	2	6	3	1	6
37	Biodiversity and its Conservation	4	2	3	2	1	3	2	1	4	2
38	Environmental Issues	3	3	4	8	4	4	3	3	2	3
Total Questions		100	100	100	100	100	100	100	90	90	90