

**PAST YEAR TREND ANALYSIS OF AIPMT/NEET PAPERS (2007-2016)**

**PHYSICS**

Ch. No.	Chapter Name	Number of Question(s) in										2016 Ph-1	2016 Ph-2
		2007	2008	2009	2010	2011	2012	2013	2014	2015			
1	Units, and Measurements	1	2	1	1	1	1	2	1	1	0	1	
2	Motion in a Straight Line	2	4	2	3	2	2	2	0	1	1	1	
3	Motion in a Plane	3	2	2	2	5	2	2	1	1	1	0	
4	Laws of Motion	1	1	1	1	3	0	2	3	2	2	2	
5	Work, Energy and Power	1	2	4	2	3	2	3	1	3	1	4	
6	System of Particles and Rotational Motion	3	2	3	3	3	3	2	2	3	4	3	
7	Gravitation	1	0	1	2	3	3	2	3	2	2	2	
8	Mechanical properties of Solids	0	0	0	0	0	0	1	1	1	0	0	
9	Mechanical properties of Fluids	0	0	0	0	0	0	1	1	1	1	2	
10	Thermal Properties of Matters	2	2	2	2	0	2	2	2	2	3	2	
11	Kinetic Theory	0	1	1	0	0	0	2	1	2	1	2	
12	Thermodynamics	1	1	2	1	4	0	2	2	2	3	1	
13	Oscillations	2	3	2	2	3	0	0	1	2	0	1	
14	Waves	1	3	2	2	1	1	3	3	1	3	2	
15	Electrostatics	4	3	2	2	6	3	2	3	2	2	2	
16	Current Electricity	5	5	5	4	7	4	3	4	3	2	2	
17	Moving Charges and Magnetism	4	3	1	0	2	2	3	2	2	3	3	
18	Magnetism and Matter	1	0	2	2	2	1	1	1	0	1	1	
19	Electromagnetic Induction	2	1	2	5	1	2	1	1	1	0	0	
20	Alternating Current and EM Waves	1	1	1	1	6	1	2	2	2	3	3	
21	Ray Optics and Optical Instruments	2	2	0	2	4	5	2	2	2	3	4	
22	Wave Optics	1	0	2	1	1	1	2	2	2	2	1	
23	Dual Nature of Radiation and Matter	3	4	3	3	8	3	2	2	2	2	2	
24	Atoms and Nuclei	5	4	5	4	7	7	3	3	3	2	1	
25	Semiconductor Electronics	4	4	4	5	8	5	3	2	2	3	3	
26	Communication systems	0	0	0	0	0	0	0	0	0	0	0	
	<b>Total Questions</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>45</b>	<b>45</b>	<b>45</b>	<b>45</b>	<b>45</b>	

## CHEMISTRY

Ch. No	Chapter Name	Number of Question(s) in										2016 Ph-1	2016 Ph-2
		2007	2008	2009	2010	2011	2012	2013	2014	2015			
1	Same Basic Concepts of Chemistry	2	4	1	1	0	0	1	2	1	0	1	
2	Structure of Atom	1	2	3	1	3	2	3	2	0	1	2	
3	Classification of Elements and Periodicity in Properties	2	1	1	2	0	1	0	1	1	1	0	
4	Chemical Bonding and Molecular structure	2	3	4	4	2	3	4	3	5	2	3	
5	States of Matter	1	2	1	0	4	1	2	1	0	1	0	
6	Thermodynamics	2	3	2	2	2	3	0	2	0	1	1	
7	Equilibrium	4	5	3	6	2	3	2	4	3	2	2	
8	Redox Reactions	0	0	0	1	0	2	0	1	0	1	1	
9	Hydrogen	0	0	0	0	0	0	0	1	0	1	0	
10	The s and p-Block Elements	5	4	6	4	3	4	6	1	3	6	5	
11	Organic Chemistry-Some Basic Principles and Techniques	5	7	4	7	4	2	4	2	4	0	2	
12	Hydrocarbons	2	1	2	2	1	1	1	1	4	3	4	
13	Environmental Chemistry	0	0	0	0	1	1	1	1	0	1	0	
14	The Solid State	1	3	1	1	0	2	2	1	1	2	1	
15	Solutions	2	1	1	3	3	1	1	0	3	2	2	
16	Electrochemistry	2	3	3	0	3	1	3	2	1	1	5	
17	Chemical Kinetics	3	2	4	3	2	2	2	0	2	2	1	
18	Surface Chemistry	1	0	0	0	1	2	0	1	1	1	2	
19	General Principles and Processes of Isolation of Elements	2	0	0	0	2	3	0	0	1	1	0	
20	The d and f-Block Elements	2	0	2	2	2	1	3	5	5	2	2	
21	Co-ordination Chemistry	2	2	2	3	3	1	2	2	2	1	1	
22	Haloalkanes and Haloarenes	0	0	1	0	0	0	0	1	1	2	2	
23	Alcohols, Phenols and Ethers	0	0	3	0	0	1	1	3	1	2	0	
24	Aldehydes, Ketones and Carboxylic Acids	5	2	1	3	1	3	2	1	3	1	1	
25	Amines	1	2	1	2	2	0	2	2	1	3	3	
26	Biomolecules	1	1	2	1	1	3	0	2	0	3	3	
27	Polymers	1	1	1	1	1	2	2	2	1	1	1	
28	Chemistry in Action	1	1	1	1	2	0	1	1	1	1	0	
<b>Total Questions</b>		<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>45</b>	<b>45</b>	<b>45</b>	<b>45</b>	

## BIOLOGY

Ch. No	Chapter Name	Number of Question(s) in										
		2007	2008	2009	2010	2011	2012	2013	2014	2015	2016 Ph-1	2016 Ph-2
1	The Living World	4	1	1	0	1	0	1	0	0	1	1
2	Biological Classification	4	4	3	3	8	4	1	6	2	4	4
3	Plant Kingdom	5	3	3	3	1	3	4	4	4	2	2
4	Animal Kingdom	1	5	2	4	3	1	4	4	3	3	2
5	Morphology of Flowering Plants	1	1	2	3	4	7	2	5	5	7	5
6	Anatomy of Flowering Plants	2	3	5	3	4	5	3	2	4	0	3
7	Structural Organisations in Animals	1	1	6	1	3	2	1	2	2	2	2
8	Cell: The Unit of Life	2	3	4	4	4	5	3	4	4	3	3
9	Biomolecules	1	1	0	1	2	3	4	2	1	5	3
10	Cell Cycle and Cell Division	0	0	2	2	1	2	2	3	2	4	3
11	Transport in Plants	2	2	1	0	0	0	1	0	1	1	0
12	Mineral Nutrition	2	1	2	3	4	3	1	1	2	1	2
13	Photosynthesis	3	3	2	3	2	2	1	1	2	4	2
14	Respiration in Plants	2	3	1	1	0	0	2	1	0	1	1
15	Plant Growth and Development	3	1	2	2	0	0	2	4	2	1	1
16	Digestion and Absorption	2	3	4	2	2	1	1	2	2	2	1
17	Breathing and Exchange of Gases	1	2	0	2	0	1	2	1	2	2	2
18	Body Fluids and Circulation	0	2	5	3	5	0	1	2	3	2	2
19	Excretory Products and their Elimination	2	2	2	3	5	1	1	1	2	1	1
20	Locomotion and Movement	1	1	2	0	0	1	3	1	2	1	1
21	Neural Control and Coordination	3	4	2	1	2	3	2	3	2	2	1
22	Chemical Coordination and Regulation	3	2	1	4	2	3	3	2	1	3	4
23	Reproduction in Organisms	0	0	1	0	1	1	3	0	0	1	1
24	Sexual Reproduction in Flowering Plants	3	6	3	4	5	3	6	3	4	2	4
25	Human Reproduction	1	3	7	11	3	4	3	3	3	2	5
26	Reproductive Health	0	2	0	1	2	2	3	3	1	2	2
27	Heredity and variation	6	1	5	5	4	2	4	4	3	6	3
28	Molecular basis of Inheritance	6	4	5	4	1	4	2	4	6	3	4
29	Evolution	11	6	1	1	1	4	4	2	1	3	3
30	Health and disease	3	4	5	3	5	6	2	2	6	3	2
31	Strategies for Enhancement in Food Production	6	3	2	2	3	2	1	1	2	1	3
32	Microbes in Human Welfare	2	3	0	3	2	7	2	1	0	2	1
33	Biotechnology: Principles and processes	0	1	1	5	2	5	2	3	0	3	4
34	Biotechnology and its Applications	0	2	3	3	3	1	1	2	3	0	1
35	Organisms and Environment	4	1	2	2	4	0	2	4	2	3	4
36	Ecosystem	1	4	2	2	2	6	3	1	6	2	2
37	Biodiversity and its Conservation	2	3	2	1	3	2	1	4	2	2	3
38	Environmental Issues	3	4	8	4	4	3	3	2	3	3	2
<b>Total Questions</b>		<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>90</b>	<b>90</b>	<b>90</b>	<b>90</b>	<b>90</b>