



Important Chapters for AIIMS-2015

The scrutiny of the Question Paper in AIIMS over a period of 10 Years reveals that the approximate break-up of number of questions that one can expect in AIIMS-2015 is as follows:

PHYSICS

S.N.	Chapters	Number of Questions
1.	Units & Measurements	1
2.	Mechanics	19
3.	Mechanical Properties of Solids	1
4.	Mechanical Properties of Fluids	1
5.	Thermodynamics	2
6.	Kinetic Theory	2
7.	Sound Wave	3
8.	Electric Charges and Fields	2
9.	Electrostatic Potential & Capacitance	2
10.	Current Electricity	2
11.	Moving Charges & Magnetism	3
12.	Electromagnetic Induction	1
13.	Alternating Current	2
14.	Electromagnetic Waves	1
15.	Ray Optics and Optical Instruments	4
16.	Wave Optics	1
17.	Dual Nature of Radiation and Matter	2
18.	Atoms	2
19.	Nuclei	3
20.	Semiconductor Electronics : Materials Devices and Simple Circuits	3
21.	Communication Systems	3
	Total No. of Questions in Physics	60

CHEMISTRY

Physical Chemistry

S.N.	Chapters	Number of Questions
1.	Some basic concepts of Chemistry	1
2.	Structure of Atom	1
3.	Classification of Elements and Periodicity in Properties	1
4.	Chemical Bonding and Molecular Structure	2
5.	Thermodynamics	1
6.	Equilibrium	2
7.	Redox Reaction	1
8.	The Solid State	2
9.	Solutions	2
10.	Electrochemistry	2
11.	Chemical Kinetics	2
12.	Surface Chemistry	3
	Total No. of questions in Physical Chemistry	20

CHEMISTRY

Organic Chemistry

S.N.	Chapters	Number of Questions
1.	Some basic concepts of Chemistry : Tricks & Techniques : (i) Nomenclature (ii) Reaction Mechanism (iii) Methods of Purification of Organic Compounds	1 1 1
2.	Hydrocarbon	3
3.	Haloalkanes and Haloarenes	1
4.	Alcohol, Phenol & Ether	1
5.	Aldehyde, Ketone & Carboxylic Acids	3
6.	Amine	1
7.	Biomolecules	2
8.	Polymers	2
9.	Chemistry in Everyday Life	2
	Total No. of Questions in Organic Chemistry	18

CHEMISTRY

Inorganic Chemistry

S.N.	Chapters	Number of Questions
1.	Hydrogen	2
2.	s-block	1
3.	p-block	3(Class XI)+6(Class XII)
4.	d & f-block	6
5.	General principles and process of isolation of Elements	1
6.	Co-ordination Compounds	2
7.	Analytical Chemistry	1
	Total No. of Questions in inorganic Chemistry	22

CLASS XI BIOLOGY

S.N.	Chapters	Number of Questions
1.	Unit I : Diversity in The Living World Chapter 2 : Biological Classification Chapter 3 : Plant Kingdom Chapter 4 : Animal Kingdom	1 2 2
2.	Unit II : Structural Organisation of Plant & Animal Chapter 5 : Morphology of Flowering Plants	1
3.	Unit III : Cell : The Unit of Life Chapter 9 : Biomolecules Chapter 10 : Cell Cycle & Cell Division	2 1
4.	Unit IV : Plant Physiology Chapter 12 : Mineral Nutrition Chapter 13 : Photosynthesis in Higher Plants Chapter 14 : Respiration in Plants	3 1 1
5.	Unit V : Human Physiology Chapter 16 : Digestion and Absorption Chapter 17 : Breathing and Exchange of Gases Chapter 19 : Excretory Products and their Elimination Chapter 20 : Locomotion & Movement Chapter 21 : Neural Control and Coordination Chapter 22 : Chemical Coordination & Integration	2 5 1 2 2 3
	Total No. of Questions in Biology	29

CLASS XII BIOLOGY

S.N.	Chapters	Number of Questions
6.	Unit VI : Reproduction Chapter 2 : Sexual Reproduction in Flowering Plants Chapter 3 : Human Reproduction	1 2
7.	Unit VII : Genetics & Evolution Chapter 5 : Principles of Inheritance & Variation Chapter 6 : Molecular Basis of Inheritance Chapter 7 : Evolution	2 1 1
8.	Unit VIII : Biology in Human Welfare Chapter 8 : Human Health and Disease Chapter 9 : Strategies for Enhancement in Food Production Chapter 10 : Microbes in Human Welfare	6 4 3
9.	Unit IX : Biotechnology Chapter 11 : Biotechnology : Principles and Processes Chapter 12 : Biotechnology and its Applications	1 3
10.	Unit X : Ecology Chapter 13 : Organisms and Populations Chapter 15 : Biodiversity and Conservation Chapter 16 : Environmental Issues	2 2 3
	Total No. of Questions in Biology	31