

Part I: Physics

NCERT Chapter No.	Chapter Name	Question Number with Skills Typology			Total Qns	Correct	Incorrect
		Concept/ Fact	Appli- cation	Analysis			
Class: XI							
1	Units and Measurements	32	10				
2	Motion in a Straight Line	11					
3	Motion in a Plane			6, 12			
4	Laws of Motion	7		18			
5	Work, Energy and Power		47				
6	System of Particles and Rotational Motion		9, 19	23			
7	Gravitation		2	24			
8	Mechanical Properties of Solids	25					
9	Mechanical Properties of Fluids	26, 28					
10	Thermal Properties of Matter						
11	Thermodynamics	49		29, 36			
12	Kinetic Theory	37		44			
13	Oscillations	45					
14	Waves		46	8			
15	Practical Skills in Physics	48					

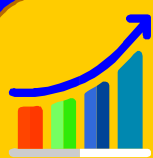
NCERT Chapter No.	Chapter Name	Question Number with Skills Typology			Total Qns	Correct	Incorrect
		Concept/ Fact	Appli- cation	Analysis			
Class: XII							
1	Electric Charges and Fields		38	1			
2	Electrostatic Potential and Capacitance	27	4				
3	Current Electricity	39	3	16			
4	Moving Charges and Magnetism	40		13, 15			
5	Magnetism and Matter		14				
6	Electromagnetic Induction			50			
7	Alternating Current	17		20			
8	Electromagnetic Waves	21					
9	Ray Optics and Optical Instruments		22	41			
10	Wave Optics	42	30				
11	Dual Nature of Radiation and Matter	5	31				
12	Atoms	33					
13	Nuclei			34			
14	Semiconductor Electronics : Materials, Devices and Simple Circuits		35	43			
15	Practical Skills in Physics						

Part II: Chemistry

NCERT Chapter No.	Chapter Name	Question Number with Skills Typology			Total Qns	Correct	Incorrect
		Concept/ Fact	Appli- cation	Analysis			
Class: XI							
1	Some Basic Concepts of Chemistry		70, 85		2		
2	Structure of Atom	54	77		2		
3	Classification of Elements and Periodicity in Properties	61			1		
4	Chemical Bonding and Molecular Structure	55, 82	72		3		
5	Thermodynamics	64	53		2		
6	Equilibrium	79	58, 97		3		
7	Redox Reactions		83		1		
8	The p-Block Elements (Group 13 & 14)	68			1		
9	Organic Chemistry- Some Basic Principles and Techniques	74, 93			2		
10	Hydrocarbons	67, 89			2		
Class: XII							
1	Solutions	51, 96			2		
2	Electrochemistry	88	57, 94		3		
3	Chemical Kinetics	69, 90	99		3		
4	The p-Block Elements (Gp 15, 16, 17, 18)	59			1		
5	The d- and f-Block Elements	73	80		2		
6	Coordination Compounds		56, 91	84	3		
7	Haloalkanes and Haloarenes	71, 92			2		
8	Alcohols, Phenols and Ethers	52, 75	98		3		
9	Aldehydes, Ketones and Carboxylic Acids	76, 81	60, 87	100	5		
10	Amines	62, 66, 95			3		
11	Biomolecules	78			1		
12	Principles Related to Practical Chemistry	63	86	65	3		

Part III: Botany

NCERT Chapter No.	Chapter Name	Question Number with Skills Typology			Total Qns	Correct	Incorrect
		Concept/ Fact	Appli- cation	Analysis			
Class: XI							
1	The Living World	110		116	2		
2	Biological Classification	117			1		
3	Plant Kingdom	103, 141			2		
5	Morphology of Flowering Plants	130, 131		125, 143	4		
6	Anatomy of Flowering Plants	113, 121		139	3		
8	Cell: The Unit of Life	106		138, 144	3		
10	Cell Cycle and Cell Division	119, 128, 134		112, 146, 123	6		
11	Photosynthesis in Higher Plants	102, 133, 145			3		
12	Respiration in Plants	108, 147	114		3		
13	Plant Growth and Development	109, 129, 150			3		
Class: XII							
1	Sexual Reproduction in Flowering Plants	104		142	2		
4	Principles of Inheritance and Variation	115, 126, 135		107, 137	5		
5	Molecular Basis of Inheritance	101, 105, 124, 127, 132		136, 148	7		
8	Microbes in Human Welfare	149			1		
11	Organisms and Populations	122		120	2		
12	Ecosystem	118			1		
13	Biodiversity and Conservation	111		140	2		



Performance Analyser

with Remedial Measures

Part IV: Zoology

NCERT Chapter No.	Chapter Name	Question Number with Skills Typology			Total Qns	Correct	Incorrect
		Concept/ Fact	Appli- cation	Analysis			
Class: XI							
4	Animal Kingdom	172, 160		153, 191	4		
7	Structural Organisation in Animals	163		168, 176, 194	4		
9	Biomolecules	166, 175, 183		195	4		
14	Breathing and Exchange of Gases	156			1		
15	Body Fluids and Circulation	184		158	2		
16	Excretory Products and their Elimination	170, 187		179, 199	4		
17	Locomotion and Movement			177, 189	2		
18	Neural Control and Coordination			157, 192	2		
19	Chemical Coordination and Integration			185, 193	2		
Class: XII							
2	Human Reproduction			155, 173, 197	3		
3	Reproductive Health	171		164, 182, 186	4		
6	Evolution	159, 200		174	3		
7	Human Health and Disease	151, 154, 181, 190		167, 188	6		
9	Biotechnology: Principles and Processes	152, 169, 178, 180, 196, 198		161, 162	8		
10	Biotechnology and its Applications			165	1		

Score Calculator

Part/ Subject	Total Questions	Maximum Score	Attempted	Correct	Incorrect	Net Score	Qualifying Marks
Part I : Physics	45	180					115
Part II: Chemistry	45	180					130
Part III: Botany	45	180					140
Part IV: Zoology	45	180					140

Success Gap = Net Score- Qualifying Score

Net Score = (Correct x4)- (Incorrect x 1)

Question Typology	*Remedial Measures
Conceptual	Revise Theory of Complete Chapter
Application	Revise and Practice Formulae Based Questions
Analysis	Practice Critical Thinking Questions

*NCERT page locator has been provided against each question in the test paper which will help the student to find and revise the concept used in the asked question from NCERT book.