

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		5				
2	Motion in a Straight Line						
3	Motion in a Plane		36, 6	10, 24			
4	Laws of Motion	25		7			
5	Work, Energy and Power	34		37			
6	System of Particles and Rotational Motion	8, 21					
7	Gravitation	44		38, 48			
8	Mechanical Properties of Solids	40					
9	Mechanical Properties of Fluids			14, 50			
10	Thermal Properties of Matter			28			
11	Thermodynamics		46				
12	Kinetic Theory			15, 29			
13	Oscillations		16				
14	Waves	30		3			
15	Practical Skills in Physics						

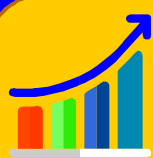
NCERT Chapter No.	Chapter Name	Question Number with Skills Typology			Total Qns	Correct	Incorrect
		Concept/ Fact	Appli- cation	Analysis			
Class: XII							
1	Electric Charges and Fields	13		39			
2	Electrostatic Potential and Capacitance			19, 43			
3	Current Electricity		31				
4	Moving Charges and Magnetism	11	32				
5	Magnetism and Matter	12					
6	Electromagnetic Induction	41	25	1			
7	Alternating Current	47		33			
8	Electromagnetic Waves	2					
9	Ray Optics and Optical Instruments	49	17				
10	Wave Optics	18, 19					
11	Dual Nature of Radiation and Matter						
12	Atoms	26					
13	Nuclei	27		22, 42			
14	Semiconductor Electronics : Materials, Devices and Simple Circuits	35	45	23			
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		55		1		
2	Structure of Atom	78	61		2		
3	Classification of Elements and Periodicity in Properties	69			1		
4	Chemical Bonding and Molecular Structure	59, 79	52		3		
5	Thermodynamics	87	73		2		
6	Equilibrium	84	65	67	3		
7	Redox Reactions		81		1		
8	The p-Block Elements (Group 13 & 14)	58			1		
9	Organic Chemistry- Some Basic Principles and Techniques	75, 89			2		
10	Hydrocarbons	97		88	2		
Class: XII							
1	Solutions		51, 82		2		
2	Electrochemistry	70	83, 98		3		
3	Chemical Kinetics	76, 95	90		3		
4	The p-Block Elements (Gp 15, 16, 17, 18)	64			1		
5	The d- and f-Block Elements	68	57		2		
6	Coordination Compounds	60	72, 80		3		
7	Haloalkanes and Haloarenes	56	85		2		
8	Alcohols, Phenols and Ethers	62	77	96	3		
9	Aldehydes, Ketones and Carboxylic Acids	53, 71, 86, 91		99	5		
10	Amines	66	54, 94		3		
11	Biomolecules	74, 93			2		
12	Principles Related to Practical Chemistry	63	92, 100		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			117	1		
2	Biological Classification		140	136	2		
3	Plant Kingdom	148		127, 134	3		
5	Morphology of Flowering Plants	111		125, 142	3		
6	Anatomy of Flowering Plants	106, 130		114	3		
8	Cell: The Unit of Life	108, 128		149	3		
10	Cell Cycle and Cell Division	103, 120, 129		109, 123	5		
11	Photosynthesis in Higher Plants	104, 115		132, 145	4		
12	Respiration in Plants	126	138	107	3		
13	Plant Growth and Development	121, 150		105, 137	4		
Class: XII							
1	Sexual Reproduction in Flowering Plants	110, 119, 143			3		
4	Principles of Inheritance and Variation	102, 124	135	147	4		
5	Molecular Basis of Inheritance	101, 112, 122, 131, 139		144	6		
8	Microbes in Human Welfare				0		
11	Organisms and Populations	116		141	2		
12	Ecosystem	118, 146			2		
13	Biodiversity and Conservation	113, 133			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	160, 191		155, 181	4		
7	Structural Organisation in Animals	157, 164, 172			3		
9	Biomolecules	161, 173,		153	4		
14	Breathing and Exchange of Gases			199	1		
15	Body Fluids and Circulation	169		196	2		
16	Excretory Products and their Elimination	151, 189		162, 175	4		
17	Locomotion and Movement	168		188, 193	3		
18	Neural Control and Coordination	178, 192			2		
19	Chemical Coordination and Integration	154, 166		179, 200	2		
Class: XII							
2	Human Reproduction	154, 166		179, 200	4		
3	Reproductive Health	170, 184		159, 187	4		
6	Evolution	158, 180		195	3		
7	Human Health and Disease	152, 167, 182		177, 190	5		
9	Biotechnology: Principles and Processes	156, 163, 171, 185,		176	6		
10	Biotechnology and its Applications	165, 174		186	3		

Score Calculator

Part/ Subject	Total Questions	Maximum Score	Attempted	Correct	Incorrect	Net Score	Qualifying Marks
Part I : Physics	45	180					125
Part II: Chemistry	45	180					130
Part III: Botany	45	180					145
Part IV: Zoology	45	180					135

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.