

## 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			10			
2	Motion in a Straight Line		1				
3	Motion in a Plane		5	20			
4	Laws of Motion	4, 18		11			
5	Work, Energy and Power	12		6			
6	System of Particles and Rotational Motion		13				
7	Gravitation	14, 16					
8	Mechanical Properties of Solids	15, 8					
9	Mechanical Properties of Fluids	31					
10	Thermal Properties of Matter		27				
11	Thermodynamics			28			
12	Kinetic Theory	39, 33		32			
13	Oscillations	13, 40	41				
14	Waves			45			
15	Practical Skills in Physics						

NCERT Chapter No.	Chapter Name	Question Number with Skills Typology			Total Qns	Correct	Incorrect
		Concept/ Fact	Appli- cation	Analysis			
<b>Class: XII</b>							
1	Electric Charges and Fields	3, 44	17				
2	Electrostatic Potential and Capacitance	19, 30					
3	Current Electricity	42	21	2			
4	Moving Charges and Magnetism		22	7			
5	Magnetism and Matter	8					
6	Electromagnetic Induction	9, 23					
7	Alternating Current	49, 24					
8	Electromagnetic Waves						
9	Ray Optics and Optical Instruments	34		35			
10	Wave Optics	24	47	36			
11	Dual Nature of Radiation and Matter	25					
12	Atoms	37					
13	Nuclei	43					
14	Semiconductor Electronics : Materials, Devices and Simple Circuits	29	25				
15	Practical Skills in Physics	46		48			

## Part II: Chemistry

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

## Part III: Botany

NCERT Chapter No.	Chapter Name	Question Number with Skills Typology			Total Qns	Correct	Incorrect
		Concept/ Fact	Appli- cation	Analysis			
<b>Class: XI</b>							
1	The Living World	107		146	2		
2	Biological Classification			112, 124	2		
3	Plant Kingdom	121		149	2		
5	Morphology of Flowering Plants	114, 119, 132		102, 127	5		
6	Anatomy of Flowering Plants	125, 140, 145		108	4		
8	Cell: The Unit of Life	117		131, 133, 134	4		
10	Cell Cycle and Cell Division	115, 129, 141, 147,		106, 144	7		
11	Photosynthesis in Higher Plants	105	143		2		
12	Respiration in Plants	104		122, 126, 138	4		
13	Plant Growth and Development	137		118	2		
<b>Class: XII</b>							
1	Sexual Reproduction in Flowering Plants	123, 130		110, 136	4		
4	Principles of Inheritance and Variation		103	128, 142	3		
5	Molecular Basis of Inheritance	101, 139		120, 135	4		
11	Organisms and Populations	111			1		
12	Ecosystem	109			1		
13	Biodiversity and Conservation	113		148	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			
<b>Class: XI</b>							
4	Animal Kingdom	187		158, 181	3		
7	Structural Organisation in Animals	159		169, 177, 198	4		
9	Biomolecules	152, 197		194	3		
14	Breathing and Exchange of Gases	153, 162, 193		172	4		
15	Body Fluids and Circulation	157, 161			2		
16	Excretory Products and their Elimination	156, 164, 179		190	4		
17	Locomotion and Movement	174			1		
18	Neural Control and Coordination	185, 189		196	3		
19	Chemical Coordination and Integration			154, 200	2		
<b>Class: XII</b>							
2	Human Reproduction	184		160, 163, 186	4		
3	Reproductive Health	155, 176		165	3		
6	Evolution	170		151, 188	3		
7	Human Health and Disease	166, 171, 199		175, 182, 183	6		
9	Biotechnology: Principles and Processes	180, 191		167, 192	4		
10	Biotechnology and its Applications	168, 173, 195		178	4		

## 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					120
Part III: Botany	45	180					135
Part IV: Zoology	45	180					145

**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.