



**Performance
Analyser**

with Remedial Measures

TEST BOOKLET CODE T11

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		2				
2	Motion in a Straight Line						
3	Motion in a Plane	24		3, 4			
4	Laws of Motion	1, 11					
5	Work, Energy and Power			12, 18			
6	System of Particles and Rotational Motion	13	19				
7	Gravitation			9, 20			
8	Mechanical Properties of Solids			29			
9	Mechanical Properties of Fluids		37	35			
10	Thermal Properties of Matter			38			
11	Thermodynamics	30					
12	Kinetic Theory		42	31			
13	Oscillations			43			
14	Waves		33	46, 48			
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		21	5			
2	Electrostatic Potential and Capacitance	26	6				
3	Current Electricity	45	7	36			
4	Moving Charges and Magnetism	22		8			
5	Magnetism and Matter	14					
6	Electromagnetic Induction	23		15, 17			
7	Alternating Current	25	16				
8	Electromagnetic Waves						
9	Ray Optics and Optical Instruments	28		10			
10	Wave Optics	32		27			
11	Dual Nature of Radiation and Matter	34	39	50			
12	Atoms	47	40				
13	Nuclei	41					
14	Semiconductor Electronics : Materials, Devices and Simple Circuits	44	49				
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		74		1		
2	Structure of Atom	56, 78			2		
3	Classification of Elements and Periodicity in Properties	66			1		
4	Chemical Bonding and Molecular Structure	72, 79	52		3		
5	Thermodynamics		59	61	2		
6	Equilibrium	62	81, 89		3		
7	Redox Reactions		84		1		
8	The p-Block Elements (Group 13 & 14)	69			1		
9	Organic Chemistry- Some Basic Principles and Techniques	64, 91			2		
10	Hydrocarbons	96		86	2		
Class: XII							
1	Solutions	51	97		2		
2	Electrochemistry	67	92		2		
3	Chemical Kinetics	75	80, 87, 100		4		
4	The p-Block Elements (Gp 15, 16, 17, 18)	63			1		
5	The d- and f-Block Elements	54	70		2		
6	Coordination Compounds	57	68, 85		3		
7	Haloalkanes and Haloarenes	53	98		2		
8	Alcohols, Phenols and Ethers	71, 94	55, 95		4		
9	Aldehydes, Ketones and Carboxylic Acids	58, 82	73, 99	90	5		
10	Amines	60	76	93	3		
11	Biomolecules	65, 83			2		
12	Principles Related to Practical Chemistry	88	77		2		

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	103			1		
2	Biological Classification	116			1		
3	Plant Kingdom	107, 126		112	3		
5	Morphology of Flowering Plants	109, 120		137	3		
6	Anatomy of Flowering Plants	104		123, 139	3		
8	Cell: The Unit of Life	118		146	2		
10	Cell Cycle and Cell Division	102, 115, 129, 148		125, 138	6		
11	Photosynthesis in Higher Plants	128, 131		105, 144	4		
12	Respiration in Plants	110, 122		140	3		
13	Plant Growth and Development	101, 127		142	3		
Class: XII							
1	Sexual Reproduction in Flowering Plants	106		124, 136	3		
4	Principles of Inheritance and Variation	121, 130	117, 145	114, 143	6		
5	Molecular Basis of Inheritance	108, 111, 119, 134,			5		
8	Microbes in Human Welfare	133			1		
11	Organisms and Populations	132		149	2		
12	Ecosystem	147	135		2		
13	Biodiversity and Conservation	113, 141			2		

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	190, 199		157, 173	4		
7	Structural Organisation in Animals	162, 184		156	3		
9	Biomolecules	183, 194		153, 166	4		
14	Breathing and Exchange of Gases			159	1		
15	Body Fluids and Circulation	160		176	2		
16	Excretory Products and their Elimination	152		169, 186, 195	4		
17	Locomotion and Movement	178, 187		161	3		
18	Neural Control and Coordination	197		172	2		
19	Chemical Coordination and Integration	164		192	2		
Class: XII							
2	Human Reproduction	155, 188, 198		158, 177	5		
3	Reproductive Health	151, 181		167, 193	4		
6	Evolution	191		168, 182	3		
7	Human Health and Disease	154, 163, 180		170, 174	5		
9	Biotechnology: Principles and Processes	165, 175, 185, 196		189	5		
10	Biotechnology and its Applications	171, 179, 200			3		

Score Calculator

Part/ Subject	Total Questions	Maximum Score	Attempted	Correct	Incorrect	Net Score	Qualifying Marks
Part I : Physics	45	180					120
Part II: Chemistry	45	180					135
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.