



**Performance
Analyser**

with Remedial Measures

TEST BOOKLET CODE T7

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	8, 34					
2	Motion in a Straight Line	7					
3	Motion in a Plane		11				
4	Laws of Motion		6	9			
5	Work, Energy and Power		50	10, 13			
6	System of Particles and Rotational Motion	14					
7	Gravitation		23	28			
8	Mechanical Properties of Solids	24					
9	Mechanical Properties of Fluids		45	25			
10	Thermal Properties of Matter			3, 26			
11	Thermodynamics	27		18			
12	Kinetic Theory	2	37				
13	Oscillations			38			
14	Waves			42, 44			
15	Practical Skills in Physics	12					

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			1, 31			
2	Electrostatic Potential and Capacitance	4		29			
3	Current Electricity		32				
4	Moving Charges and Magnetism		33				
5	Magnetism and Matter	5	35				
6	Electromagnetic Induction	36		40			
7	Alternating Current			39, 41			
8	Electromagnetic Waves	15	43				
9	Ray Optics and Optical Instruments	19, 46, 47		16			
10	Wave Optics	17					
11	Dual Nature of Radiation and Matter	30		48			
12	Atoms		20				
13	Nuclei		21				
14	Semiconductor Electronics : Materials, Devices and Simple Circuits	22, 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		52, 91		2		
2	Structure of Atom	57	72		2		
3	Classification of Elements and Periodicity in Properties	64			1		
4	Chemical Bonding and Molecular Structure	73, 79	97		3		
5	Thermodynamics	55, 67			2		
6	Equilibrium	60	75, 82		3		
7	Redox Reactions	84			1		
8	The p-Block Elements (Group 13 & 14)	70			1		
9	Organic Chemistry- Some Basic Principles and Techniques	76, 78, 93			3		
10	Hydrocarbons	62	89		2		
Class: XII							
1	Solutions	68	80		2		
2	Electrochemistry		51, 69	100	3		
3	Chemical Kinetics	77, 85	92		3		
4	The p-Block Elements (Gp 15, 16, 17, 18)	71			1		
5	The d- and f-Block Elements	65		56	2		
6	Coordination Compounds	81, 87	53		3		
7	Haloalkanes and Haloarenes	59, 94			2		
8	Alcohols, Phenols and Ethers	54, 66, 96			3		
9	Aldehydes, Ketones and Carboxylic Acids	58, 74, 90	83, 99		5		
10	Amines	61, 88			2		
11	Biomolecules	86			1		
12	Principles Related to Practical Chemistry	63	95, 98		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	105			1		
2	Biological Classification	114			1		
3	Plant Kingdom			120, 129, 139	3		
5	Morphology of Flowering Plants	133		103, 146	3		
6	Anatomy of Flowering Plants	110		138, 142	3		
8	Cell: The Unit of Life	118		136, 149	3		
10	Cell Cycle and Cell Division	116, 121, 132, 141, 144	108		6		
11	Photosynthesis in Higher Plants	111, 123, 130, 148			4		
12	Respiration in Plants	106, 126, 131			3		
13	Plant Growth and Development	101, 104, 119			3		
Class: XII							
1	Sexual Reproduction in Flowering Plants	102, 134		143	3		
4	Principles of Inheritance and Variation	145		112, 125, 128, 137	5		
5	Molecular Basis of Inheritance	109, 117, 135		107, 140	5		
8	Microbes in Human Welfare	113			1		
11	Organisms and Populations	115, 122			2		
12	Ecosystem	124, 147			2		
13	Biodiversity and Conservation	127, 150			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	184, 157		156, 193	4		
7	Structural Organisation in Animals	161, 171		186, 197	4		
9	Biomolecules	151, 166, 178		188	4		
14	Breathing and Exchange of Gases	154			1		
15	Body Fluids and Circulation	174		195	2		
16	Excretory Products and their Elimination	169		153, 177, 199	4		
17	Locomotion and Movement	191		158	2		
18	Neural Control and Coordination	180		164	2		
19	Chemical Coordination and Integration	163		167	2		
Class: XII							
2	Human Reproduction	187, 196		162, 182	4		
3	Reproductive Health	190, 200		168, 173	4		
6	Evolution	185		159, 179	3		
7	Human Health and Disease	165, 175, 181, 198		155, 170	6		
9	Biotechnology: Principles and Processes	152, 172		160, 189, 194	5		
10	Biotechnology and its Applications	183		176, 192	3		

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					125
Part III: Botany	45	180					140
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.