



**Performance
Analyser**

with Remedial Measures

TEST BOOKLET CODE T4

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		1				
2	Motion in a Straight Line	2					
3	Motion in a Plane		4, 49				
4	Laws of Motion	5	9				
5	Work, Energy and Power	12	37				
6	System of Particles and Rotational Motion	11	40				
7	Gravitation	14					
8	Mechanical Properties of Solids		15				
9	Mechanical Properties of Fluids	20		16			
10	Thermal Properties of Matter		44				
11	Thermodynamics	22					
12	Kinetic Theory	23, 27					
13	Oscillations		28				
14	Waves	29	43				
15	Practical Skills in Physics		33				

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	17	30, 32	18			
2	Electrostatic Potential and Capacitance		6	19			
3	Current Electricity	8, 34	7				
4	Moving Charges and Magnetism	24	35				
5	Magnetism and Matter		25				
6	Electromagnetic Induction	26		36			
7	Alternating Current		10, 38				
8	Electromagnetic Waves			39			
9	Ray Optics and Optical Instruments		13, 42				
10	Wave Optics	31	21				
11	Dual Nature of Radiation and Matter		45, 48				
12	Atoms		46				
13	Nuclei	47					
14	Semiconductor Electronics : Materials, Devices and Simple Circuits	3		50			
15	Practical Skills in Physics			41			

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

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					145
Part III: Botany	45	180					150
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.