



**Performance
Analyser**

with Remedial Measures

TEST BOOKLET CODE T2

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	4		29, 45			
2	Motion in a Straight Line			3			
3	Motion in a Plane	31					
4	Laws of Motion	5	9				
5	Work, Energy and Power	10	46				
6	System of Particles and Rotational Motion			11, 13			
7	Gravitation	17	30	14			
8	Mechanical Properties of Solids						
9	Mechanical Properties of Fluids	18		16			
10	Thermal Properties of Matter			47			
11	Thermodynamics	20	27				
12	Kinetic Theory	28	39				
13	Oscillations		40				
14	Waves	42	24				
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			6, 7			
2	Electrostatic Potential and Capacitance	8	43	2			
3	Current Electricity	32	44				
4	Moving Charges and Magnetism	1					
5	Magnetism and Matter	22		21			
6	Electromagnetic Induction		33	23			
7	Alternating Current	34	41				
8	Electromagnetic Waves	25					
9	Ray Optics and Optical Instruments	49	35	26			
10	Wave Optics	12	36				
11	Dual Nature of Radiation and Matter		19	37			
12	Atoms			38			
13	Nuclei			50			
14	Semiconductor Electronics : Materials, Devices and Simple Circuits			48			
15	Practical Skills in Physics			15			

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	57			2		
2	Structure of Atom	69	77		2		
3	Classification of Elements and Periodicity in Properties	60, 67			2		
4	Chemical Bonding and Molecular Structure	51, 59			2		
5	Thermodynamics	68	87		2		
6	Equilibrium	54	73, 81		3		
7	Redox Reactions		84		1		
8	The p-Block Elements (Group 13 & 14)	64			1		
9	Organic Chemistry- Some Basic Principles and Techniques	62, 95			2		
10	Hydrocarbons	56	89		2		
Class: XII							
1	Solutions	65	91		2		
2	Electrochemistry	52	92	99	3		
3	Chemical Kinetics	78, 83, 94			3		
4	The p-Block Elements (Gp 15, 16, 17, 18)	74			1		
5	The d- and f-Block Elements		80	55	2		
6	Coordination Compounds	71	61, 86		3		
7	Haloalkanes and Haloarenes	90	58		2		
8	Alcohols, Phenols and Ethers	66, 79, 88			3		
9	Aldehydes, Ketones and Carboxylic Acids	63, 82	53, 75, 98		5		
10	Amines	70, 85	97		3		
11	Biomolecules		76		1		
12	Principles Related to Practical Chemistry	72, 93	96		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	115		103	2		
2	Biological Classification	123, 149,		141, 148	4		
3	Plant Kingdom			105, 107, 143	3		
5	Morphology of Flowering Plants	109, 147		111, 114	4		
6	Anatomy of Flowering Plants			120, 124, 142	3		
8	Cell: The Unit of Life	119, 128		137	3		
10	Cell Cycle and Cell Division	104, 126		131, 132	4		
11	Photosynthesis in Higher Plants	112, 117			2		
12	Respiration in Plants	129, 140		122, 146	4		
13	Plant Growth and Development	101, 106, 134, 138			4		
Class: XII							
1	Sexual Reproduction in Flowering Plants	145		125	2		
4	Principles of Inheritance and Variation	108		116, 130, 135	4		
5	Molecular Basis of Inheritance	121, 136		102, 144	4		
8	Microbes in Human Welfare			118	1		
11	Organisms and Populations			127	1		
12	Ecosystem			113, 133, 139	3		
13	Biodiversity and Conservation	110		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	154, 196		158	3		
7	Structural Organisation in Animals	151, 171		183	3		
9	Biomolecules	177, 185	156	162	4		
14	Breathing and Exchange of Gases	165, 187			2		
15	Body Fluids and Circulation	157, 173, 189	168		4		
16	Excretory Products and their Elimination	180		153	2		
17	Locomotion and Movement	182		160	2		
18	Neural Control and Coordination	167		186, 198	3		
19	Chemical Coordination and Integration	163		192	2		
Class: XII							
2	Human Reproduction	179, 199		155, 170,	6		
3	Reproductive Health	159		152, 172, 178	4		
6	Evolution	184, 195		164	3		
7	Human Health and Disease	161, 169, 175, 197		174, 176, 181	7		
9	Biotechnology: Principles and Processes	193, 200		166, 188, 194	5		
10	Biotechnology and its Applications				0		

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					130
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.