



**Performance  
Analyser**

with Remedial Measures

# TEST BOOKLET CODE T8

## Part I: Physics

NCERT Chapter No.	Chapter Name	Question Number with Skills Typology			Total Qns	Correct	Incorrect
		Concept/ Fact	Appli- cation	Analysis			
<b>Class: XI</b>							
1	Units and Measurements	10, 23					
2	Motion in a Straight Line		11				
3	Motion in a Plane		12	16, 17			
4	Laws of Motion		50	18			
5	Work, Energy and Power	20	1				
6	System of Particles and Rotational Motion	40	4				
7	Gravitation		2	7, 21			
8	Mechanical Properties of Solids		22, 28				
9	Mechanical Properties of Fluids	41		37			
10	Thermal Properties of Matter			38			
11	Thermodynamics			29, 30			
12	Kinetic Theory			32			
13	Oscillations			33			
14	Waves			8, 47			
15	Practical Skills in Physics			48			

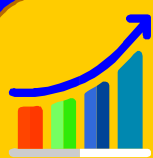
NCERT Chapter No.	Chapter Name	Question Number with Skills Typology			Total Qns	Correct	Incorrect
		Concept/ Fact	Appli- cation	Analysis			
<b>Class: XII</b>							
1	Electric Charges and Fields		5				
2	Electrostatic Potential and Capacitance	6					
3	Current Electricity	46					
4	Moving Charges and Magnetism		9, 13	15			
5	Magnetism and Matter			25			
6	Electromagnetic Induction			24			
7	Alternating Current	26		14			
8	Electromagnetic Waves		31	27			
9	Ray Optics and Optical Instruments	34	35	3, 39			
10	Wave Optics		42				
11	Dual Nature of Radiation and Matter		36, 43				
12	Atoms			44			
13	Nuclei			45			
14	Semiconductor Electronics : Materials, Devices and Simple Circuits			49			
15	Practical Skills in Physics	19					

## 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, 73		2		
2	Structure of Atom	77	54		2		
3	Classification of Elements and Periodicity in Properties	69			1		
4	Chemical Bonding and Molecular Structure	68, 71, 83			3		
5	Thermodynamics		63	92	2		
6	Equilibrium	75	79, 94		3		
7	Redox Reactions		85		1		
8	The p-Block Elements (Group 13 & 14)	56			1		
9	Organic Chemistry- Some Basic Principles and Techniques	95	66		2		
10	Hydrocarbons	90	62		2		
<b>Class: XII</b>							
1	Solutions		53	96	2		
2	Electrochemistry	99	64, 86		3		
3	Chemical Kinetics	67, 82	87		3		
4	The p-Block Elements (Gp 15, 16, 17, 18)	76			1		
5	The d- and f-Block Elements	70, 84			2		
6	Coordination Compounds		57, 78, 93		3		
7	Haloalkanes and Haloarenes	51		98	2		
8	Alcohols, Phenols and Ethers	52, 81	72		3		
9	Aldehydes, Ketones and Carboxylic Acids	55, 61, 74, 88, 100			5		
10	Amines	59, 80		97	3		
11	Biomolecules	65			1		
12	Principles Related to Practical Chemistry	58, 89, 91			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	116			1		
2	Biological Classification	103			1		
3	Plant Kingdom	124, 130		139	3		
5	Morphology of Flowering Plants	110		120, 146	3		
6	Anatomy of Flowering Plants	106		112, 138	3		
8	Cell: The Unit of Life	101, 117		142	3		
10	Cell Cycle and Cell Division	108, 114, 133, 145		125, 143	6		
11	Photosynthesis in Higher Plants	104, 109, 131, 136, 141	119		6		
12	Respiration in Plants	102, 122			2		
13	Plant Growth and Development	126, 129, 134			3		
<b>Class: XII</b>							
1	Sexual Reproduction in Flowering Plants	113, 132, 150			3		
4	Principles of Inheritance and Variation	128, 144		140	3		
5	Molecular Basis of Inheritance	111, 115, 121, 127, 135, 148			6		
8	Microbes in Human Welfare	107			1		
11	Organisms and Populations	105			1		
12	Ecosystem	118, 123, 147			3		
13	Biodiversity and Conservation	137		149	2		



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

## 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					125
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.