



**Performance  
Analyser**

with Remedial Measures

# TEST BOOKLET CODE T5

## 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		25				
2	Motion in a Straight Line						
3	Motion in a Plane		2	4, 31, 48			
4	Laws of Motion	34					
5	Work, Energy and Power	20, 45	1, 9				
6	System of Particles and Rotational Motion	16					
7	Gravitation	21					
8	Mechanical Properties of Solids		47				
9	Mechanical Properties of Fluids	18, 22					
10	Thermal Properties of Matter	19					
11	Thermodynamics						
12	Kinetic Theory			6, 33, 39			
13	Oscillations	28	40				
14	Waves		41				
15	Practical Skills in Physics		50				

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

## 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	119		128	2		
2	Biological Classification	106		141, 143	3		
3	Plant Kingdom	127		115, 122	3		
5	Morphology of Flowering Plants	129, 137		105, 113, 117	5		
6	Anatomy of Flowering Plants	108, 124		139	3		
8	Cell: The Unit of Life	138		103, 140, 149	4		
10	Cell Cycle and Cell Division	118, 150		102, 145	4		
11	Photosynthesis in Higher Plants	112, 144		120	3		
12	Respiration in Plants	101, 130,			3		
13	Plant Growth and Development	110, 136		109	3		
<b>Class: XII</b>							
1	Sexual Reproduction in Flowering Plants	104		126, 133	3		
4	Principles of Inheritance and Variation	114, 146		121, 135	4		
5	Molecular Basis of Inheritance	116, 142		123, 131	4		
8	Microbes in Human Welfare			107	1		
11	Organisms and Populations			148	1		
12	Ecosystem	125		134	2		
13	Biodiversity and Conservation	132		111	2		

## 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	169		176	2		
7	Structural Organisation in Animals	156, 167, 183		185	4		
9	Biomolecules	160		178	2		
14	Breathing and Exchange of Gases	165, 174		162	3		
15	Body Fluids and Circulation	151		171, 198	3		
16	Excretory Products and their Elimination	163, 180		153	3		
17	Locomotion and Movement			181, 194	2		
18	Neural Control and Coordination			157, 187	2		
19	Chemical Coordination and Integration			173, 195	2		
<b>Class: XII</b>							
2	Human Reproduction	196		161, 166, 175	4		
3	Reproductive Health	155, 184		168	3		
6	Evolution	158, 182	200	191	4		
7	Human Health and Disease	152, 170, 186, 188		159, 189, 192	7		
9	Biotechnology: Principles and Processes	154, 179, 193, 199		164, 197	6		
10	Biotechnology and its Applications	172, 177, 190			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					120
Part III: Botany	45	180					130
Part IV: Zoology	45	180					150

**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.