



**Performance
Analyser**

with Remedial Measures

TEST BOOKLET CODE T13

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		17, 1	30			
2	Motion in a Straight Line		38				
3	Motion in a Plane	18					
4	Laws of Motion		49	19, 48			
5	Work, Energy and Power			20			
6	System of Particles and Rotational Motion	15		46			
7	Gravitation	40, 47					
8	Mechanical Properties of Solids	1					
9	Mechanical Properties of Fluids			22, 24			
10	Thermal Properties of Matter	3					
11	Thermodynamics	4					
12	Kinetic Theory	5		9			
13	Oscillations	27	10				
14	Waves		11	29			
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	7	31				
2	Electrostatic Potential and Capacitance		32	8			
3	Current Electricity			33			
4	Moving Charges and Magnetism		34	6			
5	Magnetism and Matter	12					
6	Electromagnetic Induction	13		35			
7	Alternating Current			14, 41			
8	Electromagnetic Waves		37				
9	Ray Optics and Optical Instruments	16		42			
10	Wave Optics	21					
11	Dual Nature of Radiation and Matter	23	43				
12	Atoms		44	2			
13	Nuclei			25, 39			
14	Semiconductor Electronics : Materials, Devices and Simple Circuits	26, 50,	45				
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	77			1		
2	Structure of Atom	53, 73			2		
3	Classification of Elements and Periodicity in Properties	63			1		
4	Chemical Bonding and Molecular Structure	74	55, 95		3		
5	Thermodynamics	52	67		2		
6	Equilibrium	59	84, 85		3		
7	Redox Reactions		79		1		
8	The p-Block Elements (Group 13 & 14)	61			1		
9	Organic Chemistry- Some Basic Principles and Techniques	70, 92			2		
10	Hydrocarbons	97		87	2		
Class: XII							
1	Solutions	89	62		2		
2	Electrochemistry	57	75, 98		3		
3	Chemical Kinetics	90	69, 93		3		
4	The p-Block Elements (Gp 15, 16, 17, 18)	78			1		
5	The d- and f-Block Elements		54, 68		2		
6	Coordination Compounds		56, 65, 80		3		
7	Haloalkanes and Haloarenes	51, 82			2		
8	Alcohols, Phenols and Ethers	60, 71	86		3		
9	Aldehydes, Ketones and Carboxylic Acids	58, 81, 88		66, 96	5		
10	Amines	76, 83	64		3		
11	Biomolecules	91, 99			2		
12	Principles Related to Practical Chemistry	72, 94		100	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	111			1		
2	Biological Classification			125	1		
3	Plant Kingdom	149		108, 132	3		
5	Morphology of Flowering Plants	128, 144		117	3		
6	Anatomy of Flowering Plants	106, 121		138	3		
8	Cell: The Unit of Life	140		120			
10	Cell Cycle and Cell Division	118, 134, 148	126	102, 112	6		
11	Photosynthesis in Higher Plants	124, 105		114, 129	4		
12	Respiration in Plants	116, 123		150	3		
13	Plant Growth and Development	119, 137		146	3		
Class: XII							
1	Sexual Reproduction in Flowering Plants	109, 147		131	3		
4	Principles of Inheritance and Variation	101, 122		136, 142	4		
5	Molecular Basis of Inheritance	103, 130, 135, 139, 145		115	6		
8	Microbes in Human Welfare			110	1		
11	Organisms and Populations	133	143	104	3		
12	Ecosystem	113, 141			2		
13	Biodiversity and Conservation	107		127	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, 195		159, 181	4		
7	Structural Organisation in Animals	161, 186		153, 178	4		
9	Biomolecules	170, 184		158, 163, 189	5		
14	Breathing and Exchange of Gases			172	1		
15	Body Fluids and Circulation			183, 197	2		
16	Excretory Products and their Elimination	151, 160		174, 193	4		
17	Locomotion and Movement	165, 180			2		
18	Neural Control and Coordination	169, 188			2		
19	Chemical Coordination and Integration	157, 176			2		
Class: XII							
2	Human Reproduction	155, 182		164, 191	2		
3	Reproductive Health	156, 166, 177, 199			4		
6	Evolution	152		168, 192	3		
7	Human Health and Disease	167, 171, 198		200	4		
9	Biotechnology: Principles and Processes	173, 185, 190, 196		162, 179	6		
10	Biotechnology and its Applications	175. 194		187	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					130
Part III: Botany	45	180					135
Part IV: Zoology	45	180					145

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.