



**Performance
Analyser**

with Remedial Measures

TEST BOOKLET CODE T10

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		30				
2	Motion in a Straight Line						
3	Motion in a Plane		38	12			
4	Laws of Motion	48, 32, 33					
5	Work, Energy and Power						
6	System of Particles and Rotational Motion			41			
7	Gravitation		42	49			
8	Mechanical Properties of Solids	43					
9	Mechanical Properties of Fluids	15	28				
10	Thermal Properties of Matter	29					
11	Thermodynamics	18, 35		22			
12	Kinetic Theory	7	23	1			
13	Oscillations	36	2, 39				
14	Waves	8		4			
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	3				
2	Electrostatic Potential and Capacitance	37	10	14			
3	Current Electricity			9, 13			
4	Moving Charges and Magnetism		11				
5	Magnetism and Matter	16					
6	Electromagnetic Induction	20		17			
7	Alternating Current			31, 19			
8	Electromagnetic Waves			20			
9	Ray Optics and Optical Instruments	50		21, 46			
10	Wave Optics	24	47	5			
11	Dual Nature of Radiation and Matter			25, 34			
12	Atoms		26				
13	Nuclei	27					
14	Semiconductor Electronics : Materials, Devices and Simple Circuits	40		44			
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	67			1		
2	Structure of Atom		51, 77		2		
3	Classification of Elements and Periodicity in Properties	58			1		
4	Chemical Bonding and Molecular Structure	80	57, 68		3		
5	Thermodynamics		62, 75		2		
6	Equilibrium	82	59, 72		3		
7	Redox Reactions		85		1		
8	The p-Block Elements (Group 13 & 14)	55			1		
9	Organic Chemistry- Some Basic Principles and Techniques	65	92		2		
10	Hydrocarbons	98		54	2		
Class: XII							
1	Solutions	81	63		2		
2	Electrochemistry	56	89, 93		3		
3	Chemical Kinetics	73	87, 95		3		
4	The p-Block Elements (Gp 15, 16, 17, 18)	78			1		
5	The d- and f-Block Elements	66		86	2		
6	Coordination Compounds		52, 76	97	3		
7	Haloalkanes and Haloarenes		71, 79		2		
8	Alcohols, Phenols and Ethers	60, 74, 83			3		
9	Aldehydes, Ketones and Carboxylic Acids	53, 61, 70	88	100	5		
10	Amines	64, 84		96	3		
11	Biomolecules	90		99	2		
12	Principles Related to Practical Chemistry	69, 94	91		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	109		139	2		
2	Biological Classification			143	1		
3	Plant Kingdom	115, 129		146	3		
5	Morphology of Flowering Plants			103, 137	2		
6	Anatomy of Flowering Plants	118, 120		132	3		
8	Cell: The Unit of Life	101, 106,					
10	Cell Cycle and Cell Division	105, 127, 130, 148			4		
11	Photosynthesis in Higher Plants	110, 126, 131, 134			4		
12	Respiration in Plants	114, 128, 135			3		
13	Plant Growth and Development	111, 121,			3		
Class: XII							
1	Sexual Reproduction in Flowering Plants	119, 124		144	3		
4	Principles of Inheritance and Variation	108, 112,			3		
5	Molecular Basis of Inheritance	104, 117, 122, 123, 141, 142, 149		136	8		
8	Microbes in Human Welfare	107, 150		138	3		
11	Organisms and Populations	102			1		
12	Ecosystem	113		125	2		
13	Biodiversity and Conservation	116		140	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	151, 175		164, 194	4		
7	Structural Organisation in Animals	169, 180, 185		189	4		
9	Biomolecules	154, 166		159, 195	4		
14	Breathing and Exchange of Gases			173, 193	2		
15	Body Fluids and Circulation	171		186	2		
16	Excretory Products and their Elimination	152		161, 199	3		
17	Locomotion and Movement	183		176	2		
18	Neural Control and Coordination	163, 191			2		
19	Chemical Coordination and Integration	157		177	2		
Class: XII							
2	Human Reproduction	179, 188, 174		170, 182	5		
3	Reproductive Health	196		156, 190, 192	4		
6	Evolution	160, 162		172	3		
7	Human Health and Disease	153, 165, 198, 184		187	5		
9	Biotechnology: Principles and Processes	167, 178, 181, 200		197	5		
10	Biotechnology and its Applications	155		158, 168	3		

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					140
Part III: Botany	45	180					150
Part IV: Zoology	45	180					160

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.