



**Performance
Analyser**

with Remedial Measures

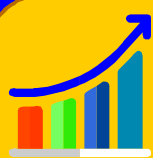
TEST BOOKLET CODE T1

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	5					
2	Motion in a Straight Line			3, 30			
3	Motion in a Plane						
4	Laws of Motion	10, 14					
5	Work, Energy and Power		9, 15, 16				
6	System of Particles and Rotational Motion	24	17, 18				
7	Gravitation		23	19			
8	Mechanical Properties of Solids						
9	Mechanical Properties of Fluids	8, 25	26				
10	Thermal Properties of Matter			27			
11	Thermodynamics			28, 34			
12	Kinetic Theory		35, 36				
13	Oscillations			37			
14	Waves		38, 44				
15	Practical Skills in Physics		45				

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	4	13	39			
2	Electrostatic Potential and Capacitance	1		6			
3	Current Electricity	7, 40					
4	Moving Charges and Magnetism		41	11			
5	Magnetism and Matter		12				
6	Electromagnetic Induction		42				
7	Alternating Current	20	43				
8	Electromagnetic Waves		21				
9	Ray Optics and Optical Instruments		22, 46				
10	Wave Optics		47, 48				
11	Dual Nature of Radiation and Matter	2		29			
12	Atoms	31					
13	Nuclei		32				
14	Semiconductor Electronics : Materials, Devices and Simple Circuits		50	49			
15	Practical Skills in Physics			33			

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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	54			1		
2	Structure of Atom	78	61		2		
3	Classification of Elements and Periodicity in Properties	82	51		2		
4	Chemical Bonding and Molecular Structure	68, 90		100	3		
5	Thermodynamics	52	71		2		
6	Equilibrium	80	59, 73		3		
7	Redox Reactions		83		1		
8	The p-Block Elements (Group 13 & 14)	57			1		
9	Organic Chemistry- Some Basic Principles and Techniques	63		94	2		
10	Hydrocarbons		65	89	2		
Class: XII							
1	Solutions	53	81		2		
2	Electrochemistry	55, 99	92		3		
3	Chemical Kinetics	62	93	86	3		
4	The p-Block Elements (Gp 15, 16, 17, 18)			74	1		
5	The d- and f-Block Elements	67, 95			2		
6	Coordination Compounds	84	58, 79		3		
7	Haloalkanes and Haloarenes	77	97		2		
8	Alcohols, Phenols and Ethers	64, 72	85		3		
9	Aldehydes, Ketones and Carboxylic Acids	66, 75	70, 88	98	5		
10	Amines	56, 76	91		3		
11	Biomolecules	69			1		
12	Principles Related to Practical Chemistry	87	60, 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	148		134	2		
2	Biological Classification	118		105, 133	3		
3	Plant Kingdom	120		103, 144	3		
5	Morphology of Flowering Plants	112, 128		109	3		
6	Anatomy of Flowering Plants	122, 147		138	3		
8	Cell: The Unit of Life	126		116, 149	3		
10	Cell Cycle and Cell Division	108, 137, 143		114	4		
11	Photosynthesis in Higher Plants	104		130, 150	3		
12	Respiration in Plants	101, 139	124	113	4		
13	Plant Growth and Development	115, 127, 129			3		
Class: XII							
1	Sexual Reproduction in Flowering Plants	145	131	111, 119, 121	5		
4	Principles of Inheritance and Variation	141		123	2		
5	Molecular Basis of Inheritance	136, 142		107, 140, 146	5		
8	Microbes in Human Welfare	110			1		
11	Organisms and Populations	132			1		
12	Ecosystem	117		135	2		
13	Biodiversity and Conservation			102, 106, 125	3		



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

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					130
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.