



Class: XII

Max Marks: 70**Time: 3 Hours**

Obj ecti ve	Awareness												Sensitivity												Creativity																				Total Row Wise
Form of Questions	Knowledge				Understanding of the construct				Understanding of the process				Conflict Resolution				Open Mindedness				Collaboration				Generate Innovative Ideas				Flexibility				Fluency				Exploration				Combining Idea & Concepts				
Content Unit/ Sub Unit	LA	SA	VSA	O	LA	SA	VSA	O	LA	SA	VSA	O	LA	SA	VSA	O	LA	SA	VSA	O	LA	SA	VSA	O	LA	SA	VSA	O	LA	SA	VSA	O	LA	SA	VSA	O									
1				(1 *1) 11				(1 *1) 1			(1 *2) 15																																		
2																	(1 * 5) 3 2	(1 * 3) 2 3																											
3																							(1 *1) 2									(1 *3) 27													
4		(1 *3) 24																																											
5				(1 *1) 9				(1 *1) 7	(1 * 5) 3 0					(1 *2) 20										(1 *1) 4																					
																																								5					

[illegible]



Total Column Wise	15	11	11	3	13	0	6	5	1	5	0	7 0
Total	37			16			17					7 0

Note 1: How to read entries in the cell; Example: 1 x 5 (33) it means 1 question of 5 marks presented at position of number of 33 in the paper.

Note 2: Figures within brackets are to indicate the question number in the paper.

Summary Sheet for Science

S. No.	Abilities	Standard for Basic & Proficient Level	Question Number	No. of items
1	Awareness	50%	1, 5, 7, 8, 9, 10, 11, 12, 13, 15, 16a, 18a, 19, 20, 22, 24, 25, 29, 30	18
2	Sensitivity	25%	3, 14, 18b, 21, 23, 28, 32	7
3	Creativity	25%	2, 4, 6, 16b, 17, 26, 27, 31	8

Nature of Questions	Recommended Weightage	Actual Weightage	No. of Items	Marks
Long Answer (LA)	25%	28.57%	4	20
Short Answer (SA)	30%	34.28%	8	24
Very Short Answer (VSA)	20%	17.14%	6	12
Objective (O)	25%	20%	14	14

S. No.	Difficult Level	Recommended Weightage	Actual Weightage	Question Number	No. of items
1	Easy	25%	24.28%	3, 4, 5, 7, 9, 11, 12, 20, 27, 31	10



2	Medium	50%	45%	1, 2, 6, 10, 14, 15, 16, 17, 18, 19, 21, 22, 23, 24, 25, 26	16
3	Difficult	25%	28.57%	8, 13, 28, 29, 30, 32	6

*List of Chapters with Name:

S.no	Chapter Name
1.	Sexual Reproduction in Flowering Plants
2.	Human Reproduction
3.	Reproductive Health
4.	Principles of Inheritance and Variation
5.	Molecular Basis of Inheritance
6.	Evolution
7.	Human Health and Disease
8.	Microbes in Human Welfare
9.	Biotechnology: Principles and Processes
10.	Biotechnology and its Applications
11.	Organisms and Populations
12.	Ecosystem
13.	Biodiversity and Conservation