

CLASS-XII

BIOLOGY (Code No. 054)

Time 3 hrs.

Theory 70 marks

SCHEMATIC DISTRIBUTION OF MARKS

Section A

Unit	Chapter	MCQ type questions	Total marks
REPRODUCTION	1 . Reproduction in organisms	2	2
	2. Sexual reproduction in flowering plants	5	5
	3. Human Reproduction	5	5
	4. Reproductive health	3	3
Genetics and Evolution	5. Heredity and variation	5	5
	6. Molecular bases of inheritance	5	5
	7. Evolution	5	5
Biology and Human welfare	8.Human health and diseases	5	5

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Section B

Unit	Chapter	1 mark questions	2 marks questions	3 marks questions	5 marks questions	Total marks
Biology and Human welfare	9. Strategies for enhancement in food production	1	1	-	-	3
	10. Microbes in human welfare	-	1	1	-	5
Biotechnology and its applications	11. Biotechnology - Principles and processes	1	2	-	-	5
	12. Biotechnology and its applications	1	1	1	-	6
Ecology and environment	13. Organisms and populations	1	-	1	-	4
	14. Ecosystem	-	1	-	1 OR 1	7
	15. Biodiversity and conservation	-	1	-		2
	16. Environmental issues	1	1	-	-	3
TOTAL		5	8	3	1	35

Instructions to the paper setter

For
21/6/22

1. There are total 18 questions and two sections in the question paper. All questions are compulsory.
2. Section A contains Question 1 having 35 subparts of MCQ type questions.
3. Section B contains question numbers 2 to 18.
4. Questions 2 to 6 are very short answer type questions of one mark each.
5. Question numbers 7 to 14 are short answer type I questions of two marks each.
6. Question numbers 15 to 17 are short answer type II questions of three marks each.
7. Question number 18 is long answer type question of five marks. There will be internal choice in this question.
8. There is no overall choice in the question paper.
9. There should be at least one comparison based and one diagrammatic/illustrative question.
10. The questions will be framed to check knowledge, understanding and applicability.
11. The distribution of marks among knowledge, understanding and applicability type questions will be 50%, 30% and 20% respectively. ~~2.~~
12. MCQ options should not be confusing.
13. Language used should be clearly understood and specific.