BLUE PRINT FOR SUMMATIVE ASSESSMENT
QUESTION PAPER-
SUBJECT: BIOLOGY (36)
2nd year PUC

2021-22 ONLY

SL. NO	UNIT	TEACHING HOURS	KNOWLEDGE				UNDERSTANDING				APPLICATION/ APPRECIATION				EXPRESSION/ SKILL				TOTAL QUESTIONS				MARKS WEIGHTAGE
	2ND PUC	120	1M	2M	3M	5M	1M	2M	3M	5M	1M	2M	3M	5M	1M	2M	3M	5M	1M	2M	3M	5M	
VI	REPRODUCTION	29	3	1	1	1	1	1	2	1	-	1	-	-	-	-	-	1	4	3	3	3	34
VII	GENETICS AND EVOLUTION	30	2	1	1	1	1	1	1	1	-	1	-	1	-	-	-	1	3	3	2	4	35
VIII	BIOLOGY AND HUMAN WELFARE	25	2	1	1	1	2		1	1	-	1	-	-	-	-	-	1	4	2	2	3	29
IX	BIOTECHNOLOGY	12	2	1	-	1	-	-	-	-	-	-	-	1	-	-	-	-	2	1		2	14
X	ECOLOGY	24	2	-	1	1	-	1	-	1	-	-	-	1	-	-	2	-	2	1	3	3	28
		120	40 % marks				30% marks				15 % marks				15% marks				15	10	10	15	140

NOTE:

1) The question paper must be prepared based on the individual blue print on the basis of weightage of marks fixed for each chapter.
2) A variation of 1% per objective weightage is allowed. 3) A variation of 1 mark per unit/chapter is allowed. However, the total marks should not exceed 140 marks.
4) At least one question each carrying 1 mark, 2 marks, 3 marks and 5 marks have to be derived from each unit.
5) When a question carrying 5 marks is divided into sub-questions (3+2/2+2+1), the sub-questions have to be derived from the same chapter.
6) When a question carrying 5 marks is divided into sub-questions, the sub-questions have to be derived from different topics of the same chapter.

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BLUE PRINT FOR SUMMATIVE ASSESSMENT
2nd YEAR PUC -SUBJECT: BIOLOGY (36)
CHAPTER-WISE WEIGHTAGE

UNIT NO	HOURS	CHAPTER	HOURS	MARKS PER UNIT	KNOWLEDGE				UNDERSTANDING				APPLICATION/ APPRECIATION				SKILL				TOTAL				TOTAL MARKS	REMARKS
					1M	2M	3M	5M	1M	2M	3M	5M	1M	2M	3M	5M	1M	2M	3M	5M	1M	2M	3M	5M		
UNIT VI. REPRODUCTION																										
VI	29	1.REPRODUCTION IN ORGANISMS	5	34	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	-	6	
		2. SEXUAL REPRODUCTION IN FLOWERING PLANTS	10		1	-	-	1	1	1	1	-	-	-	-	-	-	-	-	-	2	1	1	1	12	
		3.HUMAN REPRODUCTION	9		-	-	-	-	-	-	1	-	-	1	-	-	-	-	-	1	-	1	1	1	10	
		4. REPRODUCTIVE HEALTH	5		1	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	1	-	-	1	6	
UNIT VII. GENETICS AND EVOLUTION																										
VII	30	5. PRINCIPLES OF INHERITANCE AND VARIATION	12	35	1	1	-	-	1	1	1	-	-	-	-	-	-	-	-	1	2	2	1	1	14	
		6. MOLECULAR BASIS OF INHERITANCE	12		1	-	1	1	-	-	-	-	-	-	-	1	-	-	-	-	1	-	1	2	14	
		7. EVOLUTION	6		-	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-	1	-	1	7	
UNIT VIII. BIOLOGY AND HUMAN WELFARE																										
VIII	25	8. HUMAN HEALTH AND DISEASE	10	29	1	1	-	-	1	-	1	-	-	-	-	-	-	-	-	1	2	1	1	1	12	
		9. STRATEGIES FOR ENHANCEMENT OF FOOD PRODUCTION	9		-	-	1	-	-	-	-	1	-	1	-	-	-	-	-	-	-	1	1	1	10	
		10. MICROBES INHUMAN WELFARE	6		1	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	2	-	-	1	7	
UNIT IX. BIOTECHNOLOGY																										
IX	12	11.BIOTECHNOLOGY:PRICNIPLES AND PROCESSES	7	14	1	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	1	8	
		12. BIOTECHNOLOGY AND ITS APPLICATIONS	5		1	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	-	-	1	6	
UNIT X. ECOLOGY																										
X	24	13. ORGANISMS AND POLULATION	7	28	-	-	-	1	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	1	8	
		14 ECOSYSTEM	6½		-	-	-	-	-	-	-	1	-	-	-	-	-	-	1	-	-	-	1	1	8	
		15. BIODIVERSITY AND CONSERVATION	3½		2	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	2	1	-	-	4	
		16. ENVIRONMENTAL ISSUES	7		-	-	1	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1	1	8	
	120	TOTAL	120		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	10	10	15	140	