DESIGN OF THE QUESTION PAPER

Time: 3 Hours 15 Minutes (of which 15 minutes for reading the question paper)
Max. Marks: 70

The weightage of the distribution of marks over different dimensions of the question paper shall be as follows:

A. Weightage to Objectives:

Objective	Weightage (%)	Marks
Knowledge	40 %	42
Understanding	30 %	33
Application	15 %	15
Skill	15 %	15

Note: 1% or 2% variation is allowed per objective.
Note: Variation of one mark per chapter/unit is allowed. However the total marks should not exceed 105.

B. Weightage to forms of questions:

Part	Type of questions	Main	Number of question to be set	Number of question to be answered	Units to be covered
A	1 mark – Very short answer (VSA)		10	10	All Units (05 Units)
B	2 mark – short answer (SA1)		8	5	
C	3 mark – short answer (SA2)		8	5	
D	5 mark – long answer (LA)	Section –I	05	04	
		Section – II	05	03	

C. Weightage to level of difficulty:

Level	Weightage %	Marks
Easy	40 %	28
Average	40 %	28
Difficult	20 %	14

General Instructions:

- Questions should be clear, unambiguous understandable and free from grammatical errors.
- Questions which are based on same concepts, law, fact etc. and which generate the same answer should not be repeated under different forms (VSA, SA and LA)

WEIGHTAGE TO THE UNIT/CHAPTER (BLUE PRINT FOR ENTIRE SYLLABUS)

UNIT NO.	UNIT	TOTAL TEACHING HOURS - UNIT WISE	CHAPTER NAME	NO. OF TEACHING HOURS	MARKS	TOTAL MARKS
VI	REPRODUCTION	29	1.REPRODUCTION IN ORGANISMS	5	5	25
			2. SEXUAL REPRODUCTION IN FLOWERING PLANTS	10	8	
			3.HUMAN REPRODUCTION	9	7	
			4. REPRODUCTIVE HEALTH	5	5	
VII	GENETICS AND EVOLUTION	30	5. PRINCIPLES OF INHERITANCE AND VARIATION	12	10	26
			6. MOLECULAR BASIS OF INHERITANCE	12	10	
			7. EVOLUTION	6	6	
VIII	BIOLOGY AND HUMAN WELFARE	25	8. HUMAN HEALTH AND DISEASE	10	7	21
			9. STRATEGIES FOR ENHANCEMENT OF FOOD PRODUCTION	9	8	
			10. MICROBES INHUMAN WELFARE	6	6	
IX	BIOTECHNOLOGY	12	11. BIOTECHNOLOGY: PRICNIPLES AND PROCESSES	7	6	11
			12. BIOTECHNOLOGY AND ITS APPLICATIONS	5	5	
X	ECOLOGY	24	13. ORGANISMS AND POLULATION	7	6	22
			14. ECOSYSTEM	6½	6	
			15. BIODIVERSITY AND CONSERVATION	3½	4	
			16. ENVIRONMENTAL ISSUES	7	6	
	TOTAL	120				105