

प्रश्न-पत्र बोर्ड द्वारा निर्धारित पुस्तकों से ही सैट किया जाएगा। कृपया अध्यापकगण बोर्ड द्वारा निर्धारित पुस्तकें ही पढ़ाएँ।

DESIGN QUESTION PAPER

Subject	:	Biology	
Paper	:	Annual or Supplementary	
Class	:	12 th	Year 2018-19
Time	:	3 Hrs.	
Marks	:	70	

1. Weightage to Objectives:

Objective	K	U	A	S	Total
Percentage of marks	40	30	20	10	100
Marks	28	21	14	7	70

2. Weightage to Form of Questions:

Forms of Questions	E	SA	VSA	O	Total
No. of Questions	03	07	10	14	34
Marks Allotted	15	21	20	14	70
Estimated Time	45	50	55	30	180

3. Weightage to Content:

	<u>Units/Sub-Units</u>	<u>Marks</u>
1. Reproduction in organisms		2
2. Sexual Reproduction in Flowering plants		4
3. Human Reproduction		5
4. Reproductive Health		3
5. Principles of Inheritance & Variations		7
6. Molecular Basis of Inheritance		7
7. Evolution		4
8. Human Health & Disease		6
9. Strategies for Enhancement in Food production		4
10. Microbes in Human Welfare		4
11. Biotechnology: Principles & Process		4
12. Biotechnology & its Application		6
13. Organisms and populations		2
14. Ecosystem		3
15. Bio diversity and conservation		4
16. Environmental Issues		5
Total		70

4.	Scheme of Sections	:	X X X X
5.	Scheme of Options	:	Internal Choice in long answer question i.e. essay type in two questions.
6.	Difficulty level	:	Difficult : <u>10</u> % marks Average : <u>50</u> % marks Easy : <u>40</u> % marks

Abbreviations: K (Knowledge), U (Understanding), A (Application), S (Skill), E (Essay Type), SA (Short Answer Type), VSA (Very Short Answer Type), O (Objective Type)