

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

## DESIGN QUESTION PAPER

<b>Subject</b>	:	Biology
<b>Paper</b>	:	Annual or Supplementary
<b>Class</b>	:	12 <sup>th</sup> <span style="float: right;">Year 2017-18</span>
<b>Time</b>	:	3 Hrs.
<b>Marks</b>	:	60

### 1. Weightage to Objectives:

Objective	K	U	A	S	Total
Percentage of marks	40	30	20	10	100
Marks	24	18	12	6	60

### 2. Weightage to Form of Questions:

Forms of Questions	E	SA	VSA	O	Total
No. of Questions	03	05	09	12	29
Marks Allotted	15	15	18	12	60
Estimated Time	45	45	60	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	5
3.	Human Reproduction	5
4.	Reproductive Health	3
5.	Principles of Inheritance & Variations	5
6.	Molecular Basis of Inheritance	6
7.	Evolution	3
8.	Human Health & Disease	3
9.	Strategies for Enhancement in Food production	3
10.	Microbes in Human Welfare	4
11.	Biotechnology: Principles & Process	3
12.	Biotechnology & its Application	5
13.	Organisms and populations	2
14.	Ecosystem	3
15.	Bio diversity and conservation	5
16.	Environmental Issues	3
<b>Total</b>		<b>60</b>
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)