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

DESIGN QUESTION PAPER

		Q	UESTION P	PAPER		
	Subject :		Biotechnology			
	Pap		Annual or Supplementary			
	Clas Tim		12 th 3 Hrs.	Year	2018-19	
	Mar	· · · · · · · · · · · · · · · · · · ·	60			
	ightage to Objectives:					
	pjective	K	U	A	S	Total
	rcentage of marks	40	30	20	10	100
M	arks	24	18	12	6	60
	ightage to Form of Ques	tions:				
	rms of Questions	E	SA	VSA	0	Total
	o. of Questions	03	05	09	12	29
Marks Allotted		15	15	18	12	60
	timated Time	50	45	55	30	180
3. W	eightage to Content:	TY•	4a /Carlo II.a.:4a			
			ts/Sub-Units			<u>Marks</u>
	Unit V : Protein	and Gene Ma	nipulation			
1.	Chapter – I: Protein Structure and Engineering					10
2.	Chapter – II: Recombinant DNA Technology					10
3	Genomics and Bioinformatics					10
	Unit VI: Cell Cu	lture Technol	ogy			
4	Chapter – I Microbial Culture and Applications					10
5.	Chapter – II Plant	cell culture a	and Application	ns		10
6.	Chapter – III Animal Cell culture and Applications					10
ı	Salarana (CC) (C)		, ,		Total	60
.	Scheme of Sections	:	<u> </u>			
•	Scheme of Options		nal Choice in lo questions.	ng answer questio	n i.e. essay typ	oe in
·.	Difficulty level:	Difficult :	10 % marks			
		Avei	rage: <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)