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

## DESIGN QUESTION PAPER

	Subjec	t :	Biotechnol	ogy			
	Paper	:	1 <sup>st</sup> Semeste	r Ann	Annual or Supplementary		
	Class	:	10+2	Year	Year 2012-13		
	Time	:	2½ Hrs.				
	Marks	:	60				
	htage to Objectives:				~		
Objec		K	U	A 20	S	Total	
	entage of marks	40	30	20	10	100%	
Mark	S	24	18	12	06	60	
	htage to Form of Que		C) A	XIC A	0	T-4-1	
	ns of Questions of Questions	E 03	SA 05	VSA 09	O 12	Total 29	
	as Allotted	03 15	15	18	12	60	
	nated Time	13	13	10	12	00	
2.	Unit-VI Chapter-I (Protein Structure and Engineering) Unit-VI Chapter-I (Microbial Culture and Applications) Unit-VI Chapter-II (Plant Cell Culture and Applications)					25 17 18 	
7.							
8.							
9.							
9. <u> </u>					Total _	<u>60</u>	
4.	Scheme of Sections	: -X	X X X-				
	Scheme of Options						
	Difficulty level : Difficult :10% marks						
U. I	Difficulty ICVE						
			erage: <u>50</u>				
		Eas	y : <u>40</u>	_ <u>%</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)