	GSE/D-21	813		
BIO-TECHNOLOGY				
Paper I				
Introduction to Bio-technology				
ne : Th	nree Hours] [Maximum Marl	ks : 40		
Note: Attempt Five questions in all, selecting two questions				
from each Unit. Q. No. 1 is compulsory.				
Write	e brief notes on the following:	8×1=8		
(i)	Immobilized enzymes			
(ii)	Hybridoma Technology			
(iii)	DNA fingerprinting			
(iv)	Embryo Transfer			
(v)	Fermentation			
(vi)	Callus			
(vii)	Bioremediation			
(viii)	Trade secret.			
Unit I				
Expla	ain the following:			
(a)	Monoclonal Antibodies	4		
(b)	One gene one enzyme hypothesis.	4		
(2)L-813 1				
	te : A f Writ (i) (ii) (iii) (v) (vi) (vii) (viii) Expl (a) (b)	BIO-TECHNOLOGY Paper I Introduction to Bio-technology The: Three Hours] [Maximum Mark Three Hours] [Maximum Maximum		

Total Pages: 02

Roll No.

3.	What limita	is Plant Tissue Culture? Discuss its benefits and ation.
4.	Give (a)	answers of the following: Proteomics 4
	(b)	Scope of bio-techology. 4
		Unit II
5.	Write	e short notes on the following:
	(a)	Patent 4
	(b)	Applications of bio-technology in Chemical Industry.
		4
6.	Discuss the status of Bio-technology research in India. 8	
7.	Give	briefly answers of the following:
	(a)	Applications of biotechnology in Pharmaceutical
		Industry 4
	(b)	Waste treatment. 4