	210	210	210	210	210	210	21
_	_			<del></del> _			
R	egis	stration No :					
Tota	l Nu	mber of Pages : 02					.Tech
	210	<sup>210</sup> <b>7<sup>th</sup></b> 3	Semester Regul	lar Examina	tion 2018-19	210 <b>PBT</b>	7J002
			L & PHARMAC	EUTICAL BI	OTECHNOLOGY		
				H:BIOTECH :3 Hours	1		
				Marks: 100			
				DDE : E146			
Ans	210	r Question No.1 (Par		mpulsory, a n Part-III.	Iny EIGHT from P	Part-II and any T	<b>TWO</b> 21:
	210		_		n indicate marks.		21
			!	Part- I			
Q1		Short Answer Type C	uestions (Answe	er All-10)		(2	2 x 10)
	a)	What is proteomics?	Dad Diata dan alam				
	b) c)	What do you mean by What is genetic diseas	-	-			
	کر) d)	What is germline gene	•= . 0	ampi <del>es</del>	210	210	21
	e)	What is DNA chip?	ш.о.цру.				
	f)	Differentiate between o	drug affinity and se	electivity.			
	g)	What is ELISA?	_				
	h)	What is toxicogenomic		alaatian af hul	owid oollo		
	i) aj)o	Discuss the role of HA Why does drug respon		•		010	0.1
	<i>31</i> 0	vviiy doos digg rooper	2.0	210	210	210	210
<b>Q</b> 2		Focused-Short Answ		Part- II ns-  (Answer <i>I</i>	Any EIGHT out of	((	6 x 8)
•		TWELVE)	<b>7</b> (1)	,	,	,	,
	a)	What is microarray ted diseased one?	•	n be used to d	differentiate a norma	al cell from a	
	<b>b)</b>	What is ribozyme? Wri	< I U	210	210	210	21
	c) d)	Write a short note on r What do you mean abo	•	racie? Discuss	e about iso-electric f	ocusina 2	
	e)	What is gene therapy?	•			ocusing !	
	f)	What is antisense ther		•			
	g)	Write the role of viroso	• •	•			
	h)	What is protein engine	•	erent methods	s of protein enginee	ering and its	
	210 <b>i)</b>	relation to drug develo Discuss about working	pment. principle and ann	lications of MA	ALDI-TOE <sup>210</sup>	210	21
	j)	What is glucose-electronic					
	k)	What are monoclona applications.			• •	duction and	
	I)	In a 1000 litre ferme manufactured after ha		ells. If each c	ell contains 2800 r		
		Such antibiotic, calcula					

210	210	210	210	210	210	210	210
	Q3	What do you mean	e Questions (Answ by vaccines. Write histration and mecha	its type, advant	ages and limitati	ons. Discuss	(16)
210	<b>Q4</b> 210	What are antibiotics	s? How semi-synthe	etic penicillin is pr	oduced industria	lly? 210	<b>(16)</b> 210
	Q5		n processing. Briefl natically represents red microbes.				(16)
	Q6	Discuss in details a	bout the role of prote	eomics in drug de	evelopment.		(16)
210	210	210	210	210	210	210	210
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