Ro	ll No	0 Tota	Total Pages : 2	
		BT-2/M-22	42040	
		BIOLOGY	onit/o	
		Paper–ES-141A		
Tin	ne Al	llowed: 3 Hours] [Maximum]	Marks: 75	
01	te :	Attempt five questions in all, selecting at question from each Unit. All questions carry ed	least one	
		UNIT-I		
l.	Dra	w the ultrastructure of cell and explain any two	organelles.	
			-15	
2.	(a)	Classify the organisms on basis of Energy a	nd carbon	
		utilization.	15	
	(b)	Differentiate between plant and animal cell.	15	
		UNIT-II	(
3.	Exp	plain different types of protein structures.	15	
5	Exp	plain different classes of enzymes and write about	it enzyme	
		UNIT-III		
5.	Exp	plain types of cell division and their significance	e. 15	
5,	What are the morphological features for characterization of Fungi and virus how are they beneficial for human beings.			
			15	
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UNIT-IV

7. Explain the process of gloolysis.

15

- 8. Write notes on the following:
 - (a) BIOMEMS
 - (B) Biosensors.

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