No. of Printed Pages : 1

21BTH1C1L

Sl. No.

M.Sc. I Semester Degree Examination, April/May - 2024 BIOTECHNOLOGY

Cell and Molecular Biotechnology

(NEP)

Time	Time : 3 Hours Maximu		
Note	: 1. 2.	compulsory, each question carries equal marks.	No. 1 (Q1)
1.	Expl	ain in detail on passive and active transport.	14
2.	Give	an account of ECM proteins and their functions.	14
3.	Write	e an account on types of cell death events.	14
4.	Com	ment in detail on the structure and different types of DNA.	14
5.	Expl	ain the mechanism of translation in prokaryotes.	14
6.	Write in detail on the process of cell-cell communication.		
7.	Com	ment in detail on the post transcriptional modifications of mRNA	. 14
8.	(a) (b) (c)	Write a short note on RT - PCR Explain in brief on Lac-operon Write a note on chaperon proteins	5 5 4

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