No. of Printed Pages : 1

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Sl. No.

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

Virology and Bacteriology

(NEP)

Time : 3 Hours Maximu			m Marks : 70	
Note	:	Answer any five of the following questions. with Question No. 1 (Q1) compulsory . I question carries equal marks.	Each	
1.	Wi	ith a neat labelled diagram explain the organelles of prokaryotes and eukaryotes.	14	
2.	Di	scuss in detail the general characteristics of Cyanobacteria and Archaeobacteria.	14	
3.	W	rite a note on types of microbial culture media with suitable examples.	14	
4.	Ex	plain in detail on nomenclature and classification of viruses.	14	
5.		scuss the epidemiology, ethology, pathogenesis, Mutations, and treatment of ovid-19 virus.	14	
6.	(a) (b)		7 7	
7.	De	escribe the process of isolation and purification of viruses.	14	
8.	(a) (b) (c)	Numerical taxonomy	5 5 4	

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