No. of Printed Pages : 1

21MBL2C7L

Sl. No.

M.Sc. II Semester Degree Examination, Sept./Oct. - 2024 MICROBIOLOGY

Environmental Microbiology

(NEP)

Time : 3 Hours			Maximum Marks : 70	
Note	:	Answer any five of the following questions with question no. 1 is question carries equal marks.	Compulsory , each	
1.	Dise	cuss the structure and function of microbial communities.	14	
2.	Dise	cuss the MPN technique for Water Quality Testing.	14	
3.	Exp	lain the complete process of Wastewater Treatment.	14	
4.	Dise	cuss the sources of greenhouse gases and its environmental eff	fects. 14	
5.	Exp	lain the sources, characteristics and management of soil waste	. 14	
6.	(a) (b) (c)	Microbiological Indicators in Environmental Pollution. Halophilic adaptations. Eutrophication.	5 5 4	
7.	(a) (b) (c)	Discuss radiation hazards and safety standards. Climate change. Degradation of lignin.	5 5 4	
8.	(a) (b) (c)	Types of bioremediation. Discuss the methods for handling and treating solid wastes. Microbial leaching of iron.	5 5 4	

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