

Name. _____		Printed Pages:01		
Student Admn. No.: _____				
School of Biological And Life Sciences Summer Term Examination – July - August 2024 [Programme: B.Sc (H) Microbiology] [Semester: III) [Batch:]				
Course Title: Bacteriology		Max Marks: 100		
Course Code: B120301T		Time: 3 Hrs.		
Instructions:	1. All questions are compulsory. 2. Assume missing data suitably, if any.			
		K Level	COs	Marks
SECTION-A (15 Marks)		5 Marks each		
1.	Simplify the term Methanogens and thermophiles.	K1/K2	CO1	5
2.	Categorize the structure and function of plasma membrane with well labelled diagram.	K1/K2	CO2	5
3.	Simplify the pure culture techniques.	K3/K4	CO3	5
SECTION-B (40 Marks)				
4.	Explain the nutritional categories of bacteria with suitable example.	K1/K2	CO1	10
5.	Explain the different types of culture media and its use in microbiology.	K4	CO2	10
6.	Classify in details the Physical methods of sterilization of microbial control.	K3/K4	CO4	10
7.	Explain the Growth curve of microbial population.	K3/k4	CO5	10
SECTION-C (45 Marks)				
8.	Explain the ultra-structure of bacteria with well labelled diagram.	K3/K4	CO3	15
9.	Explain about Gram Positive and Gram-negative bacterial cell well structure.	K4/K5	CO4	15
10	Explain the nutritional Classification of bacteria with suitable example.	K5/K6	CO5	15