

Name. _____		Printed Pages:01		
Student Admn. No.: _____				
School of Allied Health Science Back Paper Examination (Odd and Even Semester) – July - August 2024 [Programme: B.Sc. MLT] [Semester:) [Batch:]				
Course Title: Systemic Bacteriology		Max Marks: 100		
Course Code: L1UD301T/BMLS3006/BMLS3001		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.	What is the significance of staining techniques in bacteriology, and how do they aid in bacterial identification?			5
2.	Recall the names of some biochemical tests used for the identification of different bacteria.			5
3.	Recall the pathogenesis and laboratory diagnosis of Neisseria gonorrhoeae and Neisseria meningitidis.			5
SECTION-B (40 Marks)		10 Marks each		
4.	Illustrate the spore staining technique and its interpretation in the identification of bacterial spores.			10
5.	Summarize the key characteristics, classification, and pathogenesis of Staphylococcus bacteria.			10
6.	Identify the main characteristics used for the classification of Shigella bacteria.			10
7.	Propose the function of infusions.			10
SECTION-C (45 Marks)		15 Marks each		
8.	Evaluate the culture media preparation			15
9.	Propose a statement for Culture media consistency.			15
10	Create a model of sterilization techniques.			15