

Name. _____		Printed Pages:01		
Student Admn. No.: _____				
School of Biomedical Sciences Summer Term Examination – July - August 2024 [Programme: BSc Medical Biotechnology] [Semester: II] [Batch:]				
Course Title: Medical Microbiology		Max Marks: 100		
Course Code: C2UH201C/Q1UG204B		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.	Explain, what factors can influence the growth curve of bacteria?	K2	CO1	5
2.	Explain the theory of abiogenesis and biogenesis.	K2	CO3	5
3.	Explain the common symptoms of rabies in infected individuals?	K1	CO2	5
SECTION-B (40 Marks)		10 Marks each		
4.	Illustrate rabies, including its etiology involving the rabies virus, modes of transmission to humans, reservoir hosts and incubation period.	K2	CO3	10
5.	Examine the life cycle of cysticercosis.	K3	CO4	10
6.	Examine Serial Dilution Method.	K4	CO4	10
7.	Elaborate Streak plate, Pour Plate and Spread plate method.	K4	CO2	10
SECTION-C (45 Marks)		15 Marks each		
8.	Discuss preservation and maintenance of Pure Cultures.	K4	CO4	15
9.	Discuss treatment and prevention of tetanus.	K5	CO4	15
10	Discuss what toxoplasmosis is, and how does the parasite infect humans and describe the life cycle of it including its intermediate and definitive hosts, and explain the routes of transmission of toxoplasmosis in humans.	K5	CO4	15