S.Y.B.SC. SEM – IV (CBCS - 2016 Course) : SUMMER - 2019 SUBJECT: MICROBIOLOGY: APPLIED MICROBIOLOGY

Day Date	2	Saturday 20/04/2019	S-2019-0847	Time: 11.00 A.M. To 02.00 I Max. Marks: 60.		M.
N.B.	1) 2) 3)	Figures to the F	re COMPULSORY. RIGHT indicate full marks led diagrams WHEREVE		у.	
Q.1	Attempt any TWO of the following: a) Describe the bacterial diseases transmitted via water. Give the causative agents				- 4l	(12)
	a)b)c)	Give the importance	and uses of antifoam age creening? Explain with ex	nts.	e the causative agents.	
Q.2	Att	Attempt any TWO of the following:				(12)
	a)b)c)	Describe and give the	ssels used for fermentation ne significance of confirme flow sheet of streptomyci	ed test.	ion.	
Q.3	Att	Attempt any TWO of the following:				
	a)b)c)	Describe in detail tri	s of anaerobic sludge digestickling filter process. ermentations with suitable			
Q.4	Att	Attempt any THREE of the following:				(12)
	a)b)c)d)	Give the use of ozor Describe the process	of contamination in ferment the in disinfection of water. Is of recovery of Penicillin wribe its procedure and sign	from the fe		
Q.5	Explain/ Define/ Comment on/ Draw a well labeled diagram of (Any				f (Any Four)	(12)
	a)b)c)d)e)	Viral disease transm Rapid sand filter Composition of dom Primary waste water Structure of strepton	nestic waste treatment			