	Enrollm	ent No•		Exam Seat No:		
	Linomi	cmt 110		UNIVERSITY		
	Summer Examination-2018 Subject Name: Scope and applications of Microbiology					
	Subject Code: 4SC01SAM1			Branch: B.Sc (Microbiology)		
	Semester	r: 1	Date: 07/04/2018	Time: 02:30 To 05:30	Marks: 70	
	(2) I (3) I	Use of Prog Instructions Draw neat		ny other electronic instrument is probook are strictly to be obeyed. ecessary) at right places.	ohibited.	
Q-1	L	Attempt	the following questions:		(14)	
	a)	Define pa	aratope .			
	<b>b</b> )	What is a	-			
	<b>c</b> )	Define ha	apten .			
	d)	Define ep				
	e)		terspecies interaction.			
	<b>f</b> )		accination.			
	g)	response	?	part in primary and secondary imn	nune	
	<b>h</b> )	What is v				
	i)		ather of microbiology?	1 0		
	<b>j</b> )		ather of medical microbiol	<del></del>		
	k) l)		posed germ theory of disective erilization .	ease ?		
	m)		causative agent of botulisn	n ?		
	n)		causative agent of syphilis			
Atte	,		ions from Q-2 to Q-8	•		
Q-2		Attemnt	all questions		(14)	
Q- <u>-</u>	a)	_	he biodeterioration.		(7)	
	<b>b</b> )		he historical background	of immunology .	(7)	
Q-3	3	Attempt	all questions		(14)	
	<b>a</b> )	_	nicrobial interaction with	the help of examples.	(7)	
	<b>b</b> )	Explain t	he scanning electron micr	roscope.	(7)	



Attempt all questions
What is immunity? Explain the different types immunity.
Write a note on biofertilizers.

Q-4

b)

**(14)** 

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