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## B.Sc. (Part-II) Semester-IV Examination

## 4S: MICROBIOLOGY

(Medical Microbiology)

Time: Three Hours] [Maxim							laximum Marks: 80
	Not	e :	-(1)	All questions are compu	ılsory.		
			(2)	Draw well labelled diag	rams wherever ne	ecessary.	
1.	(a)	Fill in the blanks:					
		(i) Antibody molecule is made up of four chains.					
		(ii)	(ii) is a death of tissue by absorption of toxins.				
		(iii)	Virus replication in cell is inhibited by a protein called				
		(iv)	Stre	Streptomycin is useful as spectrum antibiotic.			
	(b)	Choose the correct alternative :					
		(i)	Cholera is a borne disease.				
			(a)	Vector	(b)	Soil	
			(c)	Water	(d)	Air	
		(ii)	Coc	omb's test is an example	of:		
			(a)	Precipitation	(b)	CFT	
			(c)	Agglutination	(d)	None of the above	ve
		(iii)	Immunity acquired by foetus from mother is called as:				
			(a)	Racial	(b)	Species	
			(c)	Herd	(d)	Transplacental	
		(iv)	Ger	netic material in HIV is:			
			(a)	S.S.RNA	(b)	D.S.RNA	
			(c)	S.S.DNA	(d)	D.S.DNA	2
	(c)	Answer in one sentence each:					
		(i)	Def	ine focal infection.			
		(ii)	Giv	e the long form of ELISA	<b>\.</b>		
		(iii)	Giv	e the long form of CLSI.			
		(iv)	Def	ine haemolysins.			4
2.	(a)	Describe vector transmission with suitable example.					4
	(b)	(b) Describe normal flora of intestinal tract.					4
	(c)						4
					OR		
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Explain broth microdilution test.