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B.Sc. (Part-I) Semester-II Examination BIOTECHNOLOGY (R/V) (Microbiology)

Time: Three			e Hours] [M				[Maximum M	arks : {	30
Note :—(1)		All questions are compulsory.							
		3.00		w well labelled diagra		ec	cessary.		
1.	(A)	Fill	In optical microscope is used as source of illumination. In bacterial classification name of the family is suffixed with In microscopy, TEM stands for						2
		(i)							
		(ii)							
		(iii)							
		(iv)	mic	first explaine roorganisms.	d theory of ho	st	t parasite relationship for pa	athogen	iic
	(B)	Cho	ose	correct option :					2
		(i)	Mar	ntoux test is used for_	·				
			(a)	Measles	(b)		Hepatitis		
			(c)	Tuberculosis	(d)		Polio		
		(ii)	Sac	charomyces is					
			(a)	Saccharide	(b)		Saccharin		
			(c)	Yeast	(d)		Mold		
		(iii) is the counter stain in Gram Staining.							
			(a)	Crystal violet	(b)		Iodine		
			(c)	Safranin	(d)		Methylene blue		
		(iv)	In r	microbiology laborator	y, bacterial cult	u	re is preserved in		
			(a)	Autoclave	(b)		Hot air oven		
			(c)	Refrigerator	(d)		Incubator		
	(C)	Ans	wer	in ONE sentence each	ı :—				4
		(i)	Pho	tocell					
		(ii)	Pha	gocytosis					
		(iii)	Ster	rilization					
		(iv)	Lith	notrophs					
2.	Exp	lain	-						
	(a)	Obj	ectives in compound microscope.						4
	(b)	Mer	nbrai	ne filter.					4
	(c)	Gas	eous	chemosterilization.					4
					OR				

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