B.Sc. (Sem.-5) Examination

303 - Biochemistry

(Enzymology)

7	Cime · 2	-00 Hours	Assessed 2021		
Time: 2-00 Hours]			August 2021	[Max. Marks: 50	
		nstruction.	(1) All questions in section-I carry equal marks.		
			(3) Questions-IX in section II is compulsory. SECTION I		
	Atten	npt any three			
1		Write shor			
	(b)		7		
2		Explain an	7		
	(b)	Short note	7		
3	(a)				
	(b)				
4	(a)				
	(b)				
5	(a)				
	(b)				
6		· · · · · · · · · · · · · · · · · · ·			
7		W.:.			
	(b)	Explain Pin	ng-Pong mechanism of enzymes reactions.	7	
8	(a)) Explain with example : Covalent Modification of Enzyme.			
	(b)	Short note	7 7		
			SECTION II		
9	Answes any Eight:			8	
	(1)	Define co-en	nzyme.		
	(2)	Define Km.			
	(3)	Draw pH cu	urve (label it).		
		Name any se	cientist and his/her contribution Enzymology.		
	(5)		one membrane bound enzyme.		
	(6)		n or define Synzyme.		
	(7)		n <i>or</i> define Abzyme.		
	(8)		ole of any enzyme belongs to Class-III.		
	(9)		ble of any belongs to Class-V.		
			belongs to which class?		
		(11) Name any one covalently modifiyable enzyme.			
			ne extremozyme.		
		The state of the s	proteinous enzyme.		
			losteric Site".		
	(15)	Define: "Ac	tive Site".		