

SARDAR PATEL UNIVERSITY B.Sc Examination, 6th Semester US06CBIT-24 27th Fare 2022

Travel 18	21 3401		
	(Enzymology)	Total marks: 70	
من ۵۹ می و ا		10	
Time: 10:00 am to 12:00 pm	estion	aion velocity may	
Q-1 Multiple Choice Que	ubstrate concentration v	ersus reaction velocity may	
1. A sigmoidal plot of s	MD2Haro	Libition	
		Clarest of this Chillipinon	
indicate? a) Michaelis-Mo	hinding d)	Non-Competitive annovation	
b) Co-operative	in type of enzyme.		
2. An inducer is absent	c)	Constitutive enzyme	
a) Allosteric et	d)	Cooperative enzyme	
b) Isoenzyme	oncerned with transfer o	f electron?	
3. Which enzyme is co	c)	Oxidoreductases	
a) Isomerases	d)	Transferases	
b) Lysases		•	
4. Which one is coenz	c)	Vitamin B and C	
a) ATP	ď) All of the above	
b) CoA	· · - aromatic hetero-t	ing is	
A coenzymes cont	aining aromatic hetero-r) FMN	
a) ATP	ائر	n TPP	
b) Biotin	inhibitor of an enzyme	-catalyzed reaction?	
6. A non competitive	inhibitor of an one jump	c) Increases Km and reduces V	
a) Increase N	III and the	037	
b) Decreases	Km and Vmax	d) Increses Vmax and reduces	
		Km	
	· reduced coes	nzymes?	•
7. Which of the foll	owing are reduced coer	c) NAD ⁺ and FAD	
a) NADH ai	10 LY1717	1) coopyyme A and ubiquinono	
b) ATP and	GIP	method of immobilization?	
8. Which of the fol	lowing is not a physical	method of immobilization? c) entrapment	÷
a) Absorpu	OII	d) cross linking	
b) Encapsu	lation	we hair from hides.	
9. In leather indust	ryis used to fork	c) alkaline protease	
a) Tripsin		d) amylase	
b) rennet	ey hypothesis mechanisi	m is related with?	
10 The lock and ke	y nypotnesis incentina	c) Enzyme inhibition	
a) Enzyme	Structure	d) Enzyme activity	
b) Enzyme	specificity	. ,	ΔĐ
			08
Q-2 Answer the fo	Howing	figuration of molecules is ws a characteristic graph when substrate	
1 The enzyme wh	ich neibs in changing	ws a characteristic graph when substrate the nature of graph will be	
The enzyme fol	lowing M-M Kineries are		
concentration is	pionen against voi-	-blood low substrate concentration	
3. Uncompetitive	e minumum is most nour	e concentration. State true /false.	
1 1- 0.37	APPONTED AT THEIR DOODS		
	Ation 18 MISH KHOW WS		-
Induced fit m	odel was discovered by		