## Founders : Muhammad Kamran Fizza Marium Motto : "We are saviour of nation."



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All enzymes are: Medicos Hub 1) A) Fibrous proteins C) Pure proteins B) Conjugated proteins D) Globular proteins  $\bigcirc A$ ОВ  $\bigcirc c$  $\bigcirc \mathbf{D}$ are detachable cofactors: Both and 2) A) Apo-enzyme, holoenzyme B) Activator, coenzyme C) Co-enzyme, prosthetic group D) Prosthetic group, activator ОВ  $\bigcirc c$  $\bigcirc D$  $\bigcirc A$ Inorganic ions can play a role of in enzyme 3) catalysis: A) Coenzyme C) Apo enzyme B) Inhibitor D) Cofactor ○ B OC  $\bigcirc D$  $\bigcirc A$ When apoenzyme is removed from enzyme the 4) is left? A) Enzyme C) Holoenzyme B) Co-enzyme D) Co-factor  $\bigcirc A$ О В  $\bigcirc c$  $\bigcirc D$ If non-protein part is covalently bonded to the protein 5) part of enzyme, it is called: A) Co-enzyme C) Activator B) Prosthetic group D) Co-factor 0 c О В  $\bigcirc D$  $\bigcirc A$ Enzymes cannot work in: 6) A) Aqueous medium C) Acidic medium B) Dry medium D) Alkaline medium () C OB  $\bigcirc D$  $\bigcirc A$ According to the induced fit model of enzyme action: 7) A) Enzyme induces changes in substrate structure B) Substrate induces changes in enzyme structure C) Active site of enzyme is a rigid structure D) Active site of enzyme is used as a template () A O B 0 C  $\bigcirc D$ Enzyme works to its maximum capacity: 8) A) At high temperature C) At moderate temperature B) At low temperature D) At optimum Temperature **O C** A O О В  $\bigcirc \mathbf{D}$ For most of the enzymes of human body, the optimum 9) temperature is: A) 37 C° C) 37 F° B) 35 C° D) 98.6 C°  $\bigcirc \mathbf{A}$ ОВ 0 C  $\bigcirc D$ Following substances can act as inhibitors, EXCEPT: 10) C) Antibodies A) Cyanide D) Poisons **B)** Antimetabolites ОВ  $\bigcirc D$  $\bigcirc A$ O C 1

	A) One o B) Two C) One o D) Two	arbon and carbons and carbon and carbons ar	ers from m I two hydro Id one hydr I one hydro Id two hydr	alonic acid with respect to: gen atoms ogen atom gen atom rogen atoms	Medicos Hub				
(	<b>A</b> (	() В	⊖ <b>c</b>	○ D					
12)	The enz A) Pepsi B) Chyn	yme that in notrypsin	works best	at intermediate pH is: C) Sucrase D) Pancreatic lipase					
C	A	ОВ	⊖ <b>с</b>	O D					
13)	The con A) Enzy B) Cofa	npetitive i me	inhibitor co	C) Substrate					
C		ОВ	0 c	) D					
14)	The rat A) Opti B) Opti	te of enzyn mum pH mum temj	me action v	vill be minimum at: C) Optimum conditions D) Maximum temperature					
(	A	ОВ	0 c	OD					
15)	An enzy and in bind is A) Apoe B) Allos	me, that catalytic called: enzyme steric enzy	undergoes activity w me	reversible changes in shape when "Control" substances C) Holoenzyme D) Co-enzyme					
C	A	⊖ В	⊖ <b>c</b>	OD					
16)	Nicotina example A) Cofac B) Coen	mide ad of: ctor zyme	lenine di	nucleotide (NAD) is an C) Prosthetic group D) Nucleotide					
<b>16)</b>	Nicotina example A) Cofac B) Coen A	amide ac e of: ctor zyme O B	denine din O C	nucleotide (NAD) is an C) Prosthetic group D) Nucleotide D					
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16)	Nicotina example A) Cofac B) Coen A Which enzyme A) Actir B) Co-fac A	amide ac e of: ctor zyme B one of th e and subs vator actor B	denine dir C c followin strate? C	nucleotide (NAD) is an C) Prosthetic group D) Nucleotide D g acts as a bridge between C) Prosthetic group D) Apo-enzyme D					
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16) 17) 18)	Nicotina example A) Cofa B) Coen A Which enzyme A) Actir B) Co-f A Sometim energy, A) Co-f B) Co-e	amide ac e of: ctor zyme B one of th e and subs vator actor B nes, helping t actor nzyme B	denine dir C C c c c c c c c c c c	nucleotide (NAD) is an C) Prosthetic group D) Nucleotide D g acts as a bridge between C) Prosthetic group D) Apo-enzyme D D des a source of chemical ction: C) Enzyme D) Active site D					
16) (7) (8) (7) (18) (7) (19)	Nicotina example A) Cofa B) Coen A Which enzyme A) Actir B) Co-f A Sometin energy, A) Co-f B) Co-e D A	amide ac e of: ctor zyme B one of th e and subs vator actor B helping t actor nzyme B B	denine dir C c te followin strate? C provi o drive rea C c te raw mate	nucleotide (NAD) is an C) Prosthetic group D) Nucleotide D g acts as a bridge between C) Prosthetic group D) Apo-enzyme D Apo-enzyme D d des a source of chemical ction: C) Enzyme D) Active site D d erial for coenzymes: C) Vitamins D) Proteins					
16) 17) 18) (19)	Nicotina example A) Cofa B) Coen A Which enzyme A) Acti B) Co-f A Sometin energy, A) Co-f B) Co-e D A A A Nucc B) Lipi	amide ac e of: ctor zyme B one of th e and subs vator actor B helping t actor nzyme B form th leic acid ds B	denine dir C c c c c c c c c c c c c c	nucleotide (NAD) is an C) Prosthetic group D) Nucleotide D g acts as a bridge between C) Prosthetic group D) Apo-enzyme D) Apo-enzyme D b des a source of chemical ction: C) Enzyme D) Active site D b erial for coenzymes: C) Vitamins D) Proteins D b					
16) (17) (18) (19) (20)	Nicotina example A) Cofa B) Coen A Which enzyme A) Acti B) Co-f A Sometin energy, A) Co-f B) Co-e A A Nuc B) Lipi A Many A) Nuc B) Stree	amide ac e of: ctor zyme B one of th e and subs vator actor B nes, helping t actor nzyme B form th leic acid ds B enzymes : :leoplasm	denine dir C C te followin strate? C o drive rea C te raw mate C are simply oroplast	<ul> <li>nucleotide (NAD) is an</li> <li>C) Prosthetic group</li> <li>D) Nucleotide</li> <li>D</li> <li>g acts as a bridge between</li> <li>C) Prosthetic group</li> <li>D) Apo-enzyme</li> <li>D</li> <li>ides a source of chemical action:</li> <li>C) Enzyme</li> <li>D) Active site</li> <li>D</li> <li>erial for coenzymes:</li> <li>C) Vitamins</li> <li>D) Proteins</li> <li>D</li> <li>dissolved in the:</li> <li>C) Cytoplasm</li> <li>D) Matrix of mitochondria</li> </ul>					

	A) Activator B) Appenzyme		C) Holoenzyme D) Coenzyme	incurcos ne
$\sim$		$\sim$ -		
0	АОВ	⊖ c	$\bigcirc$ D	
)	Formation of ES	complex	activates the site of	
	$\Delta$ $\Delta$ $\Delta$ $\Delta$		C) Catalytic	
	B) Binding		D) Allosteric	
$\bigcirc$	_,g	$\cap c$	$\bigcirc$ D	
0	AUB	00	00	
23)	Optimum pH of a	ll human	() Acidia	
-	B) Same		D) Alkaline	
		0.0		
0	AOB	00		
(4)	At high substrate	level all	the active sites of enzyme are:	
/	A) Destroyed		D) Occupied	
	C) Available		D) Occupied	
$\bigcirc$	A OB	O c	OD	
5)	A chemical subst	ance whi	ch can react with enzyme, in	
-	place of substra	te, but c	cannot be transformed into	
	products is called	-	CLES	
	B) Inhibitor		D) Product	
	2,	$\bigcirc$ c		
0	AUB	00	0 B	
	aan b	a chock	ad by increasing substrate	
26)	concentration:	еспеско	ed by increasing substrate	
	A) Reversible inh	ibition	C) Non-competitive inhib <mark>itio</mark> n	
	B) Irreversible inl	hibition	D) Competitive inhibition	
$\bigcirc$	АОВ	ΟC	OD	
Ŭ				
	The inhibitor havin	o structu	ral similarity with substrate is:	
	A) Irreversible inh	ibitors	C) Competitive inhibitor	
27)		oitors	D) Non-competitive inhibito	ors
27)	B) Reversible inhibit			
27)	B) Reversible inhibition $A \cap B$	0 C	OD	
(7)	B) Reversible inhi A OB	0 C	OD	
(7)	B) Reversible inhib A O B	O C	O D	
27)	B) Reversible inhib A O B Which one of the b	C C following	O D	
27)	B) Reversible inhib A O B Which one of the i pH as optimum p A) Sucrase	O C following H?	<ul> <li>D</li> <li>enzymes have slightly acidic</li> <li>C) Pepsin</li> </ul>	
27) 28)	B) Reversible inhib A B Which one of the inpH as optimum p. A) Sucrase B) Enterokinase	C C following	<ul> <li>D</li> <li>enzymes have slightly acidic</li> <li>C) Pepsin</li> <li>D) Catalase</li> </ul>	
27) 28)	B) Reversible inhib A B Which one of the inhib pH as optimum pin A) Sucrase B) Enterokinase A B	O C	<ul> <li>D</li> <li>enzymes have slightly acidic</li> <li>C) Pepsin</li> <li>D) Catalase</li> <li>D</li> </ul>	
27) 28)	B) Reversible inhib A B Which one of the inhib pH as optimum pin A) Sucrase B) Enterokinase A B	OC	<ul> <li>D</li> <li>enzymes have slightly acidic</li> <li>C) Pepsin</li> <li>D) Catalase</li> <li>D</li> </ul>	
27) (8)	B) Reversible inhib A B Which one of the inhib pH as optimum pin A) Sucrase B) Enterokinase A B But edding	OC	<ul> <li>D</li> <li>enzymes have slightly acidic</li> <li>C) Pepsin</li> <li>D) Catalase</li> <li>D</li> </ul>	
27) 28) 29)	B) Reversible inhib A B Which one of the inhib pH as optimum pinal A) Sucrase B) Enterokinase A B By adding pH of pancreatic	C following H? C C in neut lipase:	<ul> <li>D</li> <li>enzymes have slightly acidic</li> <li>C) Pepsin</li> <li>D) Catalase</li> <li>D</li> <li>D</li> <li>tral pH, we get the optimum</li> </ul>	
27) 28) 29)	B) Reversible inhil A B Which one of the inhibit pH as optimum pind A) Sucrase B) Enterokinase A B By adding pH of pancreatic A) 1	C following H? C C	<ul> <li>D</li> <li>enzymes have slightly acidic</li> <li>C) Pepsin</li> <li>D) Catalase</li> <li>D</li> <li>tral pH, we get the optimum</li> <li>C) 3</li> </ul>	
27) 28) 0 29)	B) Reversible inhib A B Which one of the inhib pH as optimum pinal A) Sucrase B) Enterokinase A B By adding pH of pancreatic A) 1 B) 2	OC following H? C C in neut lipase:	<ul> <li>D</li> <li>enzymes have slightly acidic</li> <li>C) Pepsin</li> <li>D) Catalase</li> <li>D</li> <li>tral pH, we get the optimum</li> <li>C) 3</li> <li>D) 4</li> </ul>	
27) 28) 29)	B) Reversible inhib A B Which one of the inhib pH as optimum pinal A) Sucrase B) Enterokinase A B By adding pH of pancreatic A) 1 B) 2 A B	C following H? C C in neut lipase:	<ul> <li>D</li> <li>enzymes have slightly acidic</li> <li>C) Pepsin</li> <li>D) Catalase</li> <li>D</li> <li>tral pH, we get the optimum</li> <li>C) 3</li> <li>D) 4</li> <li>D</li> </ul>	
27) 28) 29)	B) Reversible inhib A B Which one of the p pH as optimum p. A) Sucrase B) Enterokinase A B By adding pH of pancreatic A) 1 B) 2 A B	C following H? C in neut lipase:	<ul> <li>D</li> <li>enzymes have slightly acidic</li> <li>C) Pepsin</li> <li>D) Catalase</li> <li>D</li> <li>d</li> <li>d</li> <li>d</li> <li>D</li> </ul>	
27) 28) 0 29)	B) Reversible inhib A B Which one of the inhib pH as optimum pinal A) Sucrase B) Enterokinase A B By adding pH of pancreatic A) 1 B) 2 A B Elavin adenine di	C following H? C in new lipase: C	<ul> <li>D</li> <li>enzymes have slightly acidic</li> <li>C) Pepsin</li> <li>D) Catalase</li> <li>D</li> <li>d</li></ul>	
27) 28) 29) 0 30)	B) Reversible inhil A B Which one of the pH as optimum p. A) Sucrase B) Enterokinase A B By adding pH of pancreatic A) 1 B) 2 A B Flavin adenine di A) Prosthetic grou	C following H? C c in neut lipase: C nucleotid	<ul> <li>D</li> <li>enzymes have slightly acidic</li> <li>C) Pepsin</li> <li>D) Catalase</li> <li>D</li> <li>d</li> <li>D</li> <li>tral pH, we get the optimum</li> <li>C) 3</li> <li>D) 4</li> <li>D</li> <li>le is a:</li> <li>C) Co-enzyme</li> </ul>	
27) 28) () 29) () 30)	B) Reversible inhib A B Which one of the inhib pH as optimum pible A) Sucrase B) Enterokinase A B By adding pH of pancreatic A) 1 B) 2 A B Flavin adenine di A) Prosthetic group B) Activator	C following H? C in neut lipase: C nucleotid p	<ul> <li>D</li> <li>enzymes have slightly acidic</li> <li>C) Pepsin</li> <li>D) Catalase</li> <li>D</li> <li>d</li> <li>D</li> <li>tral pH, we get the optimum</li> <li>C) 3</li> <li>D) 4</li> <li>D</li> <li>le is a:</li> <li>C) Co-enzyme</li> <li>D) Inhibitor</li> </ul>	
27) 28) 29) 30)	B) Reversible inhib A B Which one of the inhib pH as optimum pin A) Sucrase B) Enterokinase A B By adding pH of pancreatic A) 1 B) 2 A B Flavin adenine di A) Prosthetic group B) Activator A B	C following H? C in new lipase: C nucleotid p C	<ul> <li>D</li> <li>enzymes have slightly acidic</li> <li>C) Pepsin</li> <li>D) Catalase</li> <li>D</li> <lid< li=""> <li>d</li> <li>d</li> <lid< li=""> <li>d</li> <lid< li=""> <li>d<td></td></li></lid<></lid<></lid<></ul>	

Evaporation of two ml out of one litre of water, lowers 31) the temperature of remaining 998 ml by: **Medicos Hub** A) 1 °C C) 3 °C B) 2°C D) 4 °C  $\bigcirc \mathbf{D}$  $\bigcirc A$ ○ B 0 C **32)** The specific heat of vaporization of water is: A) 998 kcal/kg C) 574 kcal/kg B) 998 cal/kg D) 574 cal/kg 0 C О В  $\bigcirc D$  $\bigcirc A$ Human tissues contain about twenty percent water in: 33) A) Bone cells C) Nerve cells B) Brain cells D) Muscle cells () A OB  $\bigcirc c$ OD When temperature of one gram of water is raised by 34) one degree Celsius: A) One calorie heat energy is used B) One kilocalorie heat energy is used C) Two calorie heat energy is used D) Two kilocalorie heat energy is used OB OC 0 D  $\bigcirc A$ Living beings use as a temperature stabilizer: 35) A) Water C) Proteins B) Lipids D) Carbohydrates OD  $\bigcirc A$ ОВ  $\bigcirc c$ Enzymes have no effect on: 36) A) Nature and properties of end products B) Nature and properties of reactants C) Speed of biochemical reaction D) Efficiency of biochemical reactions A О В O C  $\bigcirc \mathbf{D}$ At low conc. of substrate the reaction rate is directly 37) proportional to the: A) Enzyme available C) Substrate available B) Product available D) Inhibitor available OB OC  $\bigcirc D$  $\bigcirc A$ 38) Pick up the correct label of the site of graph indicated by '?' Reaction rate Temperature C<sup>0</sup> A) Optimum temperature B) Denaturation of enzyme C) Normal curve for inorganic reactions D) Rate doubles for each increase in temperature

**Competitive inhibitors are:** 39) A) Reversible C) Smaller Medicos Hub B) Irreversible D) Larger  $\bigcirc A$ O B 0 C  $\bigcirc \mathbf{D}$ They alter the structure of the enzyme in such a way 40) that even if genuine substrate binds the active site, catalysis fails to take place temporarily: A) Irreversible inhibitors B) Reversible inhibitors C) Competitive inhibitors D) Non-competitive inhibitors OD  $\bigcirc A$ O B 0 C Catalase and chymotrypsin have similar: 41) A) Substrate C) Optimum pH **B)** Product D) Metabolic impact OC  $\bigcirc A$ () B  $\bigcirc D$ A detachable cofactor having carbon and hydrogen 42) simultaneously is called: A) Coenzyme C) Prosthetic group B) Activator D) Apoenzyme **O** B 0 C  $\bigcirc \mathbf{D}$  $\bigcirc A$ The rate of enzyme controlled reactions may increase: 43) A) With increasing temperature B) With increasing pH C) With decreasing temperature D) With decreasing pH  $\bigcirc A$ О В  $\bigcirc c$  $\bigcirc D$ Succinic acid dehydrogenase +Succinic acid and high 44) concentration of malonic acid→? C) No reaction A) Malic acid B) Fumaric acid D) Oxalic acid OB  $\bigcirc c$  $\bigcirc A$  $\bigcirc D$ Potentially damaging enzymes are produced in: 45) A) Active form C) Abundant quantity B) Inactive form D) Minor quantity 0 C OD  $\bigcirc A$ () B Which one is potentially damaging enzyme? 46) A) Pepsin C) Ptyalin B) Amylopsin D) Lipase  $\bigcirc A$ **B** O C 7 OD 47)  $A \rightarrow B \rightarrow C \rightarrow D \rightarrow E$  Deficiency of "E" will control the above pathway through: A) Feedback mechanism C) Positive feedback B) Feedback activation D) Feedback inhibition О В  $\bigcirc$  C  $\bigcirc \mathbf{D}$  $\bigcirc A$ The detachable cofactor is known as: **48**) A) Prosthetic group C) Holoenzyme B) Apoenzyme D) Activator  $\bigcirc A$ О В ○ C () D



Chymotrypsin works efficiently at: 51) Medicos Hub A) Acidic pH C) Minimum pH B) Alkaline pH D) Moderate pH О В  $\bigcirc D$  $\bigcirc A$  $\bigcirc c$ 52) Efficiency of a biochemical reaction is increased by: A) Hormones C) Coenzymes B) Enzymes D) Cofactors **A** () () B 0 c  $\bigcirc D$ \_\_\_\_\_ the \_\_\_\_\_\_activation \_\_\_\_\_\_\_ Enzymes the of 53) biochemical reactions: A) Lower C) Maintain B) Increase D) Multiply 0 C  $\bigcirc D$  $\bigcirc A$ OB Both enzymes and coenzymes are: 54) A) Inorganic C) Derived from vitamins **B)** Reused D) Globular proteins  $\bigcirc A$  $\bigcirc B$  $\bigcirc c$  $\bigcirc D$ 55) Enzymes associated with aerobic respiration are found in: A) Mitochondria C) Cytoplasm B) Chloroplast D) Ribosomes О В **C**  $\bigcirc D$  $\bigcirc A$ 56) Active site of the enzyme is made up of two definite regions: C) Catalytic site B) Binding site D) Allosteric site ○ B  $\bigcirc c$  $\bigcirc D$ **A** () According to lock and key model, there is no 57) modification in the active site: A) Before enzyme action B) After enzyme action C) During enzyme action D) Before, during and after enzyme action  $\bigcirc B$  $\bigcirc A$  $\bigcirc c$  $\bigcirc D$ If substrate concentration is unlimited, rate of enzyme 58) action becomes: A) Inversely proportional to enzyme concentration B) Directly proportional to enzyme concentration C) Directly proportional to substrate concentration D) Inversely proportional to substrate concentration OB 0 C  $\bigcirc A$  $\bigcirc \mathsf{D}$ **59)** Optimum pH for digestive enzymes of stomach is: A) Highly acidic C) Slightly acidic B) Highly alkaline D) Slightly alkaline  $\bigcirc A$  $\bigcirc B$  $\bigcirc c$  $\bigcirc D$ Transformation of substrate into products is catalyzed by: **60**) A) Activated catalytic site C) Activated binding site B) Activated active site D) Activated allosteric site  $\bigcirc A$ () B  $\bigcirc c$  $\bigcirc D$ 

form an enzyme inhibitor complex 61) **Medicos Hub** at a point other than active site: A) Irreversible inhibitors C) Competitive inhibitors B) Reversible inhibitors D) Non-competitive inhibitors  $\bigcirc c$  $\bigcirc D$  $\bigcirc A$ O B Pick up a product of succinic acid dehydrogenase: 62) A) Succinic acid C) Malonic acid B) Fumaric acid D) Malic acid  $\bigcirc A$  $\bigcirc B$ 0 C  $\bigcirc D$ The optimum pH value for arginase is than that 63) of pancreatic lipase: A) Highly greater C) Highly lesser B) Slightly greater D) Slightly lesser О В  $\bigcirc c$  $\bigcirc D$  $\bigcirc A$ Malonic acid makes an enzyme-inhibitor complex with: 64) A) Hydrogenase enzyme C) Carboxylase enzyme B) Oxidase enzyme D) Dehydrogenase enzyme  $\bigcirc B$ OC  $\bigcirc A$  $\bigcirc D$ Following are the properties of enzymes, EXCEPT: 65) A) They are biological catalysts B) They initiate biochemical reactions C) They are highly efficient D) They are sensitive to changes in pH  $\bigcirc A$ () B  $\bigcirc c$  $\bigcirc D$ Some enzymes require for their 66) proper functioning: A) Optimum temperature C) Optimum pH B) Co factor D) Aqueous medium  $\bigcirc A$  $\bigcirc B$  $\bigcirc c$  $\bigcirc D$ Which one of the following graphs shows the effect of 67) pH on the rate of reaction catalyzed by pepsin? A) C) tate of React ion-Reaction Rate of 2 PH 8 10 4 6 2 рн 8 10 4 ę Late of Reaction Lized React 100 B) 2 4 ę 8 10 2 4 ę 8 10  $\bigcirc$  A ○ B ○ **C**  $\bigcirc D$ Malonic acid competes for: **68)** A) Succinic acid C) Acetic acid B) Fumaric acid D) Dehydrogenase  $\bigcirc \mathbf{B}$  $\bigcirc c$  $\bigcirc A$  $\bigcirc D$ 8

Zn<sup>2+</sup> can play a role of \_ in enzyme catalysis: **69)** C) Coenzyme A) Activator **Medicos Hub** B) Prosthetic group D) Apoenzyme  $\bigcirc A$ ОВ  $\bigcirc c$  $\bigcirc D$ An enzyme with its co-enzyme or prosthetic group, is 70) designated as: A) Apoenzyme C) Holoenzyme B) Coenzyme D) Co-factor ) A OB OC  $\bigcirc D$ The enzymes which are integral part of ribosomes are 71) involved in: A) Ribosome synthesis C) Lipid synthesis B) Protein synthesis D) Carbohydrate synthesis ) A OB  $\bigcirc c$  $\bigcirc D$ ES formation is facilitated by: 72) A) Active site C) Catalytic site B) Binding site D) Allosteric site ) A OB 0 C  $\bigcirc \mathbf{D}$ According to the Lock and Key model which one of the 73) following is a lock? A) Co-enzyme C) Substrate B) Enzyme D) Inhibitor ) A ОВ ○ c OD the reaction rate is directly proportional 74) to the enzyme available: A) At high temperature C) At low conc. of substrate B) At low conc. of enzyme D) At high conc. of enzyme ) A ○ B  $\bigcirc c$  $\bigcirc D$ Enzyme is denatured when temperature is increased 75) beyond: A) Minimum range C) Optimum range B) Maximum range D) Moderate range ) A  $\bigcirc B$  $\bigcirc c$ OD If the inhibitor is , enzyme will be rendered 76) useless forever: A) Competitive C) Reversible B) Non-competitive D) Irreversible OC ) A  $\bigcirc B$  $\bigcirc D$ A competitive inhibitor competes with substrate for 77) same active site, but the competition is always won by that which is: A) Complementary to active site B) Complementary to enzyme C) More in concentration D) Larger in size ) A O B  $\bigcirc \mathbf{C}$  $\bigcirc D$ Succinate is converted into fumarate by losing two: 78) C) H<sub>2</sub>O molecules A) Hydrogen atoms B) Carbon atoms D) Oxygen atoms 9  $\cap \mathbf{A}$  $\bigcirc \mathbf{B}$  $\bigcirc \mathbf{C}$  $\bigcirc \mathbf{D}$ 







## Medicos Hub Bio Test #2 Key

Key

1.	D	17.	В	33.	A	49.	С	65.	B	81.	Α	97.	D
2.	В	18.	A	34.	A	50.	A	66.	В	82.	В	98.	D
3.	D	19.	С	35.	Α	51.	D	67.	D	83.	Α	99.	В
4.	D	20.	С	36.	A	52.	B	68.	D	84.	В	100.	В
5.	В	21.	C	37.	С	53.	Α	69.	A	85.	Α	101.	
6.	В	22.	С	38.	В	54.	В	70.	С	86.	В	102.	G
7.	В	23.	A	39.	Α	55.	Α	71.	В	87.	В	103.	5
8.	D	24.	D	40.	D	56.	Α	72.	В	88.	D	104.	2
9.	Α	25.	В	41.	С	57.	D	73.	В	89.	С	105.	
10.	С	26.	A	42.	Α	58.	В	74.	В	90.	Α	106.	
11.	A	27.	С	43.	Α	59.	A	75.	В	91.	D	107.	7
12.	B	28.	В	44.	C	60.	Α	76.	D	92.	С	108.	3
13.	C	29.	В	45.	В	61.	D	77.	С	93.	Α	109.	
14.	D	30.	C	46.	Α	62.	В	78.	A	94.	B	110.	
15.	В	31.	A	47.	В	63.	В	79.	В	95.	Α	111.	
16.	В	32.	С	48.	D	64.	D	80.	B	96.	D	112.	

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