Biology Fsc Part 1 Chapter 5 Online Test

Sr	Questions	Answers Choice
1	Lock and key modl was proposed by Emil Fischer in.	A. 1890 B. 1882 C. 1958 D. 1894
2	Pepsin works its best in.	A. Acidic medium B. Low pH C. High pH D. Both a and b
3	Which of the following represent induced fit model	A. When substrate combines with the binding site,it induces change in enzyme structure B. Active site is not a rigid structure C. It is modified form of lock and key model D. All of above
4	Which inhibitors are used as antibiotics to kill bacteria.	A. Competitive B. Irreersible C. Non competitive D. non reversible
5	Succinic acid and CoA react to form succinyl CoA whcih is catalysed y succinyl CoA.	A. Synthetase B. Decarboxylase C. Hydroxylase D. Reductase
6	The enzymes which remvoe or ad H+ ions or electrons from substrateare called.	A. Isomerases B. Oxidoreductases C. Lyases D. Transfeases
7	the non protein components of enzyme are called.	A. Co factor B. Transductor C. Messenger D. Both a and b
8	Co enzyms participate in enzyme catalyzed reactions, ofter by transporting .	A. Electrons B. Hydrogen atoms C. Phosphate groups D. Both a and b
9	If an enzyme solutionis saturated with substrate, the most effective way to obtain an even faster yield of products would be.	A. Add more of the enxymes B. Add more substrate C. Add an allosteric inhibitor D. Add a non competitive inhibitor
10	Which of the following statemetns about enzymes is correct.	A. They increasse the activation energy of a reaction B. They are consumed during the reaction C. They are specific in terms of the reactions they catalyse D. They always wor optimally at high temperatures.
11	the energy which works to destabilize existing chemical bonds is called.	A. Dectivation energy B. Activation energy C. Ionization energy D. Potential energy
12	Emil Fischer proposed that,	A. Activesite is rigid B. Active site is flexible C. Active site undergomodification D. All of above
13	The most important coenzyme in a cell is the hydrogen acceptor.	A. NAD B. ATP C. FADH2 D. Co -enzyme Q
14	The enzymes catalyse non -lhydrolytic addition or removal of groups from substrates are.	A. Lyases B. Hyrolases C. Transferases

		D. Isomerases
15	Rae of enzyme catalyzed reactions are .....times greater than uncatalyzed rection rate.	A. 10³ to 10⁸ B. 10² to 10³ C. 10⁶ to 10¹¹ D. 10⁸ to 10¹⁰
16	The complete enzyme ncluding its coensyme or prosthtiec grop is termed as	A. Apoenzyme B. Ribozyme C. Holoenzyme D. Proenzyme
17	Which of the following can affect enzyme activity	A. pH B. Temperature C. Enzyme concentration D. All of above
18	Catalytic site is adtivatid when	A. enzyme inhibitor complex is formed B. ES complex is formed C. Subsgtrate attaches at allosteric site D. Spontaneously
19	The induced fit model was modified form of lock and key model was proposed by	A. Daniel Koshland B. Danieal Standford C. Emil Fischer D. Van Neil
20	The temperature at which an enzyme works at its maximum rate is called.	A. Specific temperature B. Maximum temperature C. Optimum temperature D. Initial temperature