

MDCAT Biology Chapter 7 MCQ's Test

Sr	Questions	Answers Choice
1	Potentially damaging enzymes are produced in	A. Active form B. Inactive form C. Abundant quantity D. Minor quantity
2	Which of the following is not affected by enzymes	A. Nature and properties of end products B. Nature and properties of reactants C. Speed of biochemical reaction D. Efficiency of biochemical reaction
3	If substrate concentration is unlimited, rate of enzyme 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
4	_____ form the raw material for coenzyme	A. Nucleic acid B. Lipids C. Vitamins D. Proteins
5	Formation of ES complex activates the _____ site of an enzyme	A. Active B. Binding C. Catalytic D. Allosteric
6	Many enzymes are simply dissolved in the	A. Nucleoplasm B. Stroma of chloroplast C. Cytoplasm D. Matrix of mitochondria
7	The rate of enzyme action will be minimum at	A. Optimum pH B. Optimum temperature C. Optimum conditions D. Maximum temperature
8	The term enzyme was coined from a Greek word which means	A. In yeast B. In grapes C. In apple D. In bacteria
9	Which of the following kind of inhibitors don't compete for active site of enzyme	A. Irreversible competitive B. Reversible competitive C. Reversible non competitive D. Both b and c
10	By adding _____ in neutral pH, we get the optimum pH of pancreatic lipase	A. 1 B. 2 C. 3 D. 4
11	Pick up the correct statement according to induced fit model of enzyme action	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 +
12	An activated enzyme consisting of polypeptide and cofactor is called as	A. Activator B. Apoenzyme C. Holoenzyme D. Coenzyme
13	Function of succinic dehydrogenase is aided by	A. Metal ion B. Vitamin C. NAD D. FAD

14	Following enzymes are indicating the specificity of their action in their names, except	A. Sucrase B. Amylase C. Pepsin D. Lipase
15	The enzyme that works best at intermediate pH is	A. Pepsin B. Chymotrypsin C. Sucrase D. Pancreatic lipase
16	Phosphorylation of glucose molecule in glycolysis is carried out by	A. ATPase B. Kinase C. Isomerase D. Transferase
17	Succinic acid dehydrogenase +succinic acid and high concentration of malonic acid?	A. Maleic acid B. Fumaric acid C. No reaction D. Oxalic acid
18	Catalase and chymotrypsin have similar	A. Substrate B. Product C. Optimum pH D. Metabolic impact
19	The specificity of enzymes is due to their	A. High molecular weight B. pH sensitivity C. Hydrogen bonding D. Surface configuration
20	If non protein part is covalently bonded to the protein part of enzyme, it is known as	A. Coenzyme B. Prosthetic group C. Activator D. Cofactor