

MDCAT Biology Chapter 7 MCQ's Test

Sr	Questions	Answers Choice
1	About three billion base pairs are present in the genome of a	A. Horse B. Dog C. Man D. Monkey
2	Succinic acid is the _____ of succinic dehydrogenase which undergoes _____	A. Active site, reduction B. Prosthetic group, reduction C. Substrate, oxidation D. Substrate, reduction
3	Many enzymes are simply dissolved in the	A. Nucleoplasm B. Stroma of chloroplast C. Cytoplasm D. Matrix of mitochondria
4	Succinic acid differs from malonic acid by	A. OH B. CH_2 C. CH_3 D. CHO
5	Potentially damaging enzymes are produced in	A. Active form B. Inactive form C. Abundant quantity D. Minor quantity
6	The optimum temperature for most of the enzymes in human body is	A. 37 °C B. 35 °C C. 37 °F D. 98.6 °C
7	Which of the following is an example of ribozyme	A. Aminopeptidase B. Pancreatic lipase C. Peptidyl transferase D. Cytochrome oxidase
8	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
9	Enzymes cannot work in which of the following	A. Aqueous medium B. Dry medium C. Acidic medium D. Alkaline medium
10	The inhibitor having structural similarity with substrate is	A. Irreversible inhibitor B. Reversible inhibitor C. Competitive inhibitor D. Noncompetitive inhibitor
11	Which one of the following enzymes have slightly acidic pH as optimum pH?	A. Sucrase B. Enterokinase C. Pepsin D. Catalase
12	_____ form the raw material for coenzyme	A. Nucleic acid B. Lipids C. Vitamins D. Proteins
13	Inorganic ions can play a role of _____ in enzyme catalysis	A. Coenzyme B. Inhibitor C. Apo enzyme D. Cofactor
14	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

15	By adding _____ in neutral pH, we get the optimum pH of pancreatic lipase	A. 1 B. 2 C. 3 D. 4
16	Succinic acid dehydrogenase +succinic acid and high concentration of malonic acid?	A. Maleic acid B. Fumaric acid C. No reaction D. Oxalic acid
17	Function of succinic dehydrogenase is aided by	A. Metal ion B. Vitamin C. NAD D. FAD
18	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 +
19	The rate of enzyme action will be minimum at	A. Optimum pH B. Optimum temperature C. Optimum conditions D. Maximum temperature
20	Soyabeans have been made resistant to a common	A. Insecticide B. Herbicide C. Fungicide D. Pesticide