

MDCAT Biology Chapter 7 MCQ's Test

Sr	Questions	Answers Choice
1	Allosteric enzymes have ____ major sites	A. 1 B. 2 C. 3 D. 4
2	Ribozyme is found in	A. Mitochondria B. Cytoplasm C. Lysosomes D. Ribosomes
3	Succinic acid dehydrogenase +succinic acid and high concentration of malonic acid?	A. Maleic acid B. Fumaric acid C. No reaction D. Oxalic acid
4	Urine is preferably used as a vehicle for biotechnology product than:	A. Blood B. Milk C. Plasma D. Tissue fluid
5	The term enzyme was coined from a Greek word which means	A. In yeast B. In grapes C. In apple D. In bacteria
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	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
9	Which of the following helps in recognition of substrate	A. Active site B. Catalytic site C. Binding site D. All
10	Enzymes present in human body generally have	A. Same optimum temperature and optimum pH B. Same optimum temperature but different optimum pH C. Same optimum pH but different optimum temperature D. Different optimum temperature and optimum pH
11	Potentially damaging enzymes are produced in	A. Active form B. Inactive form C. Abundant quantity D. Minor quantity
12	At high substrate level, all the active sites of enzyme are	A. Destroyed B. Available C. Degenerated D. Occupied
13	Which of the following acts as a bridge between enzyme and substrate?	A. Activator B. Cofactor C. Prosthetic group D. Apo-enzyme
14	Succinic acid differs from malonic acid by	A. OH B. CH_2 C. CH_3 D. CHO

15	Prosthetic groups are	A. Radicals B. Inorganic molecules C. Organic molecules D. Metal ions
16	An activated enzyme consisting of polypeptide and cofactor is called as	A. Activator B. Apoenzyme C. Holoenzyme D. Coenzyme
17	Which one of the following enzymes have slightly acidic pH as optimum pH?	A. Sucrase B. Enterokinase C. Pepsin D. Catalase
18	Phosphorylation of glucose molecule in glycolysis is carried out by	A. ATPase B. Kinase C. Isomerase D. Transferase
19	Formation of ES complex activates the_____ site of an enzyme	A. Active B. Binding C. Catalytic D. Allosteric
20	Nicotinamide adenine dinucleotide is an example of	A. Cofactor B. Coenzyme C. Prosthetic group D. Nucleotide
