

## Biology 9th Class Urdu Medium Chapter 7 Online Test

Sr	Questions	Answers Choice
1	The biochemical reactions in which larger molecules are synthesized are called.	A. Anabolism B. Catabolism C. Metabolism D. Digestive reactions
2	The biochemical reactions in which larger molecules are synthesized are called.	A. Catabolism B. Metabolism C. Anabolism D. Digestive reactions
3	Set of biochemical reactions that occur in living organisms in order to maintain life is called.	A. Catabolism B. anabolism C. Metabolism D. Mutualism
4	What is TRUE . according to the induced fit model of enzyme action.	A. Enzyme's active site change shape to bind the substrate. B. Substrate must fit the enzyme perfectly before binding C. No shape changes occur during binding D. Enzyme is inactivated during the process.
5	An enzyme works best at a pH of 7.4. It is placed in an acidic solution with a pH of 4.0. How will this affect the enzyme.	A. The substrate will become inactive in an acidic environment B. the enzyme will gain additional active sites C. The enzyme will catalyze reactions faster due to increased H <sup>+</sup> ions D. The active site will be modified reducing substrate binding
6	How does competitive inhibitor affect enzyme action	A. attaches with the substrate B. Changes enzyme shape C. Attaches and blocks the active site D. Blocks the cofactors
7	How does increasing temperature affect enzyme activity.	A. Increase activity to a point B. Always decreases activity C. Makes enzymes non functional D. No effect on enzyme
8	Prosthetic groups are.	A. Required by all enzymes B. Proteins in nature C. Tightly bound to enzyme D. Loosely attached with enzymes
9	Enzymes are specific in their action because.	A. Their active sites fit specific substrates B. They are always proteins C. They are consumed in reactions D. They work only at high temperatures
10	What can happen if an enzyme is exposed to temperature that is higher than its optimal temperature.	A. Enzyme activity rate will increase B. Enzyme's shape will change potentially reducing its activity C. Enzyme will speed up the reaction and remain stable D. Enzyme will become a substrate itself
11	Which best defines an enzyme.	A. A chemical that breaks down food B. A hormone that regulates metabolism C. A protein that speeds up reactions D. A molecule that stores energy
12	Primarily, all enzymes are.	A. Proteins B. Nucleic acids C. Carbohydrates D. Lipids