

**Topic: Enzyme**  
**Class: B.Sc Part –I (Hons.) & II (Hons.)**

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# Enzyme MCQ

- **1. The nature of an enzyme is**
- (a) Lipid
- (b) Vitamin
- (c) Carbohydrate
- **(d) Protein**
- **Answer: (d)**

- **2. In alcoholism, this enzyme is elevated**
- (a) acid phosphatase
- (b) hepatitis
- (c) serum glutamate pyruvate transaminase
- **(d) glutamyl transpeptidase**
- **Answer: (d)**

- **3. With regards to enzyme action, this statement is incorrect**
- (a) Malonate is a competitive inhibitor of succinic dehydrogenase
- (b) the substrate binds with the enzyme at its active site
- (c) the non-competitive inhibitor binds the enzyme at a site distinct from that binding the substrate
- **(d) addition of a lot of succinates does not reverse the inhibition of succinic dehydrogenase by malonate**
- **Answer: (d)**

- **4. What is the count of genes that determine the synthesis of one enzyme?**
- **(a) One**
- (b) Four
- (c) Eight
- (d) Sixteen
- **Answer: (a)**

- **5. This enzyme was first isolated and purified in the form of crystals**
- **(a) Urease**
- (b) pepsin
- (c) Amylase
- (d) Ribonuclease
- **Answer: (a)**