

ٹیسٹ سے پہلے کم از کم تین بار درود شریف پڑھ لیں

Student Name:	Roll No:	Date: / /
سوچ بدلین، معاشرہ بدلین	Class 1st Year	Ch#3
T- Marks - 40	Subject: Biology	Time: 45 - M
Objective Type		
Q#1	Encircle the Correct Option	10X1=10

1. Enzymes _____ the activation energy:

- a Increase b Lower c Both d None

2. If non-protein part is covalently bonded, it is called:

- a Prosthetic group b Coenzyme c Both d None

3. Enzymes important in photosynthesis are found in _____;

- a Mitochondria b Lysosome c Chloroplast d Ribosome

4. Inactive form of pepsin is

- a Trypsin b Pepsinogen c Amylase d None

5. _____ inhibitor destroy the globules structure of enzyme:

- a Irreversible b Reversible c Competitive d None

6. _____ Proposed lock and Key model.

- a Koshland b Walther Sutton c Emil Fischer d None

7. Induced fit model was proposed in:

- a 1890 b 1980 c 1098 d None

8. _____ are closely related to vitamins:

- a Coenzymes b Prosthetic group c Activator d All

9. Active site consist of how many regions:

- a 1 b 2 c 3 d 4

10. Enzymes are _____ proteins:

- a Globules b Fibrous c Both d None

Q # 2

Short Questions

10 X 2 = 20

1. What are enzymes? Give Example?
2. Differentiate between coenzyme & prosthetic group?
3. Define Apoenzyme and holoenzyme?
4. Write four character of an enzyme?
5. Define inhibitor with example?
6. What is non-competitive inhibitor?
7. Define Active Site?
8. Differentiate between reversible and irreversible inhibitor?
9. Write three functions of cofactors?
10. Define Activator with example?

Q # 3

Long Questions

2 X 5 = 10

1. Explain Mechanism of Enzyme Action?
2. Explain Characteristics of Enzyme?