TALEEMI DUNYA

Test Syllabus: Unit # 3

St. Name		Test	**Biology**	T. Marks	**30**	Time	**60 Min**
F. Name		Class	**11th**	T. Code	**U#3**	T. Date	

NOTE: Four possible answers A, B, C and D to each question are given. The choice which you think is correct, fill that circle in front of that Question with Marker or Pen ink. Cutting or filling two or more circles will result in zero mark in that question.**6.**

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)	Coenzymes	(c)	Both	(d)	None
3	Enzymes Importance in photosynthesis are found in ------:						
(a)	Mitochondria	(b)	Lysosomes	(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 enzymes:						
(a)	Irreversible	(b)	Reversible	(c)	Competitive	(d)	None
6	Induced fit Model was Proposed in:						
(a)	1890	(b)	1980	(c)	1098	(d)	None

Q.2 Write short answers of the following questions. (8x2=16)

1. What is enzymes? Give example.
2. Differentiate between coenzymes and prosthetic group.
3. Define apo enzymes and holo enzymes.
4. Write four characteristics of enzymes.
5. Define inhibitor with example.
6. What is non competitive inhibitor?
7. Define active site.
8. Differentiate between reversible and irreversible inhibitor.

NOTE: Attempt the long questions. (4+4=8)

3(a) Explain Mechanism of enzyme Action.

(b) Explain characteristics of enzymes.