

B.Sc. (With Credits)-Regular-Semester 2012 Sem V
B.Sc. 3537 - Zoology-I (General Mammalian Physiology-I) Paper-I

P. Pages : 2

Time : Three Hours



GUG/W/16/3378

Max. Marks : 50

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- Notes : 1. All question are compulsory.
2. All questions carry equal marks.
3. Draw well labelled diagram wherever necessary.

1. Describe the chemical nature of Enzyme. **10**

OR

- a) Gastrointestinal hormone.
- b) Fat soluble vitamins.

2. Give an account on respiratory disorder and effect of smoking. **10**

OR

- a) Cardiac cycle.
- b) Composition and function of blood.

3. Attempt the following. **10**

- a) Oxidoreductase.
- b) Salivary digestion.
- c) Pneumonia.
- d) Rh factor.

OR

- e) Effect of enzyme concentration on enzyme action.
- f) Function of liver.
- g) Pleurisy.
- h) Functions of blood.

4. Attempt the following. **10**

- a) Hydrolases.
- b) Structure of salivary gland.

c) Haemoglobin.

d) E.C.G.

OR

e) General properties of enzyme.

f) Pancreas.

g) Cystic fibrosis.

h) Blood pressure.

5. Write four or five lines on the following **any ten**.

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i) Ligase.

ii) Substrate.

iii) Antienzyme.

iv) Vit. K.

v) Chief gland.

vi) Nicotinic acid.

vii) ILD

viii) Tuberculosis.

ix) Costal muscle.

x) Factor IV.

xi) Monocytes.

xii) Fibrinogen.
