

B.Sc.- II (CBCS Pattern) Sem-IV
USCZOT08 - Zoology Paper-II - Physiology & Biochemistry-II

P. Pages : 1

Time : Three Hours



GUG/W/23/12005 (S)

Max. Marks : 50

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

1. Write in detailed on the structure of Uriniferous tubule. 10

OR

Write notes on

- a) Mechanism of urine formation 5
- b) Normal & abnormal constituents of urine 5

2. Describe in detailed on Menstrual cycle. 10

OR

Write notes on

- a) Structure of pituitary gland 5
- b) Functions of thyroid gland 5

3. Write in detailed on E.M. Structure of neuron and its types. 10

OR

Write notes on

- a) Structure of skeletal muscle 5
- b) Mechanism of muscle contraction 5

4. Describe the mechanism of Cardia cycle. 10

OR

Write notes on

- a) ECG 5
- b) Blood Co-angulation 5

5. Write **any ten** (4-5 lines) 10

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|-----------------------------|-------------------|
| i) Glomerulus | ii) Loop of Henle |
| iii) Glycosuria | iv) Adrenaline |
| v) ADH | vi) Diestrus |
| vii) Sarcoplasmic reticulum | viii) A-Band |
| ix) Troponin | x) Rh-Factor |
| xi) Factor XII | xii) QRS Complex |
