

B.Sc. (New CBCS / CBCS Pattern) Semester-IV
USCZOT08 - Core Paper-VIII - Zoology paper-II - Physiology & Biochemistry-II

P. Pages : 2

Time : Three Hours



GUG/S/25/12005(S)

Max. Marks : 50

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

1. Give an account on structure of uriniferous tubule. **10**

OR

Write notes on:

- a) Dialysis.
- b) Mechanism of micturation

2. Describe in detail structure and its functions of Thyroid gland. **10**

OR

Write notes on:

- a) Structure and function of Adrenal gland.
- b) Menstrual cycle

3. Describe structure and mechanism of muscle contraction. **10**

OR

Write notes on:

- a) Type of neuron.
- b) Properties of muscles.

4. Describe in details mechanism of blood clotting. **10**

OR

Write notes on:

- i) ECG
- ii) Blood pressure

5. Write four to five lines on **any ten**.

10

- i) Dialysis
- ii) Polyurea
- iii) Bowman's capsule
- iv) Hypoglycemia
- v) Testes
- vi) OEstrus cycle
- vii) Nerve fiber
- viii) Synapse
- ix) Cardiac muscle
- x) Platelates
- xi) Erythrocytes
- xii) Factor XI
