

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

P. Pages : 1

Time : Three Hours



GUG/S/25/12005

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 mechanism of Urine formation. 10

OR

Write notes on

- a) Normal and abnormal constitution of urine.
- b) Counter current mechanism.

2. Describe in detail hormones secreted by pituitary and its functions. 10

OR

Write notes on

- a) Structure and function of Thyroid gland.
- b) Estrus cycle

3. Give an account on structure of neuron and mechanism of nerve conduction. 10

OR

Write notes on

- a) Tetanus
- b) Structure of muscle

4. Describe in details composition and function of blood. 10

OR

Write notes on

- a) Blood group
- b) Blood Coagulation

5. Write four to five lines on **any ten**. 10

- i) Hilus
- ii) Nephron
- iii) Ketourea
- iv) Hypothyroidism
- v) Uterus
- vi) Menstrual cycle
- vii) H zone
- viii) Muscle fatigue
- ix) Sarcomere
- x) Lymphocytes
- xi) Rh Factor
- xii) Blood pressure
