

M.Sc.(Zoology) (CBCS Pattern) Semester - III
PSCZOOT10-4 - Paper-X : Animal Physiology Paper-I
Physiology of Digestion and Excretion

P. Pages : 1

Time : Three Hours



GUG/S/23/11310

Max. Marks : 80

- Notes :
1. All questions are compulsory.
 2. All questions carry equal marks.
 3. Illustrate your answer with suitable diagrams.

1. Write in detail Histology of Salivary gland. Add a note on composition & function of saliva. 16

OR

Write notes on :

- a) Gastric juice. 8
- b) Histology of timer. 8

2. Write an essay on Gastrointestinal hormones. 16

OR

Write notes on :

- a) Histology of small & large intestine. 8
- b) Digestion of fats. 8

3. Give an account on normal & abnormal constituents of urine. 16

OR

Write notes on :

- a) Mechanism of urine function. 8
- b) Counter current mechanism. 8

4. Write an essay on renal failure. 16

OR

Write notes on :

- a) Regulation of water and electrolytes. 8
- b) Physiology of Nitrogen excretion. 8

5. Write four or five lines on the followings. 16

- a) Pancreatic juice.
- b) Gastrointestinal movement.
- c) Nephrons
- d) Renin
