

M.Sc.(Zoology) CBCS Pattern Semester-III  
**PSCZOOT12-4 - Core Paper-XII (Foundation Course-I) : Human Physiology**

P. Pages : 1

Time : Three Hours



**GUG/W/23/11330**

Max. Marks : 80

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

**1. Write a detailed account on Salivary glands and its Secretions. 16**

**OR**

- a) Gastrointestinal hormones.
- b) Digestive disorders.

**2. Give a detailed account of Respiratory system. 16**

**OR**

- a) Transport of CO<sub>2</sub>
- b) Asthma and Bronchitis.

**3. The Mechanism of urine formation. 16**

**OR**

- a) Structure of Human kidney.
- b) Adrenal gland and water electrolyte balance.

**4. Give a detailed account on Thyroid gland and its hormones. 16**

**OR**

- a) Pituitary gland Histology.
- b) Adrenal gland and its hormones.

**5. Attempt the following: 16**

- a) Free radicals.
- b) Hemoglobin.
- c) Dialysis.
- d) Endocrine pancreas.

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