

M.Sc.(Zoology) (CBCS Pattern) Semester - III  
**PSCZOOT12-4 - Foundation-IV : Human Physiology**

P. Pages : 1

Time : Three Hours



**GUG/S/23/11330**

Max. Marks : 80

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

1. Give detail account on role of digestive glands in digestion. **16**

**OR**

Write notes on:

- a) Gastrointestinal Hormones.
- b) Antioxidant nutrients.

2. Describe in detail the Respiratory system. **16**

**OR**

Write notes on:

- a) Respiratory pigment.
- b) Transport of respiratory gases.

3. Describe in detail account on Human kidney. **16**

**OR**

Write notes on:

- a) Mechanism of urine formation.
- b) Water electrolyte balance.

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

**OR**

Write notes on:

- a) Structure of Pituitary Gland.
- b) Adrenal gland hormones.

5. Attempt the following. **16**

- a) Diarrhea.
- b) Asthma.
- c) Dialysis
- d) Endocrine pancreas.

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