

M.Sc. (Zoology) (CBCS Pattern) Third Semester  
**PSCZOOT12-4 - Foundation-I - Human Physiology Paper-XII**

P. Pages : 1

Time : Three Hours



**GUG/W/18/11330**

Max. Marks : 80

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

1. Give an account of gastro- intestinal hormones in human. 16

**OR**

Write notes on:

- a) Physiology of ageing
- b) Digestive glands

2. Describe structure of human respiratory system. 16

**OR**

Write notes on:

- a) Respiratory disorders
- b) Transport of O<sub>2</sub>

3. Explain structure of human kidney. 16

**OR**

Write notes on:

- a) Mechanism of urine formation.
- b) Renal function test

4. Write an essay on structure and functions of pituitary gland in human. 16

**OR**

Write notes on:

- a) Thyroid gland and its hormones.
- b) Pancreas.

5. Attempt the followings: 16

- a) Antioxidant nutrients
- b) Haemoglobin
- c) Dialysis
- d) Hormones of adrenal gland

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