

M.Sc.(Zoology) (C.B.C.S. Pattern) Sem-III
PSCZOOT12-4-Foundation-I (Paper-XII) : Human Physiology

P. Pages : 1

Time : Three Hours



GUG/S/19/11330

Max. Marks : 80

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

1. Describe in detail the digestive glands and its secretion in digestion. 16

OR

Write notes on:

- a) Digestive Disorder peptic Ulcer
- b) Physiology of Ageing in Humans

2. Write an account on transport of Respiratory gases (O₂ and CO₂) in Humans? 16

OR

Write notes on:-

- a) Respiratory Pigment - Hemoglobin
- b) Respiratory Disorder - Asthama

3. Give detail account of mechanism of urine formation in Humans? 16

OR

Write notes on:

- a) Water electrolyte balance.
- b) Renal function test.

4. Describe in detail the structure and components of thyroid Gland. Add a note on its hormones & their function? 16

OR

Write notes on:

- a) Human Pancreas - structure & function
- b) Pituitary gland hormones & their function.

5. Attempt the following :- 16
- a) Antioxidant Nutrients
 - b) Human Lungs
 - c) Dialysis
 - d) Adrenal Gland.
