

M.Sc.(Zoology) CBCS Pattern Semester-II
PSCZOOT06 - Paper-VI : Comparative Endocrinology

P. Pages : 1

Time : Three Hours



GUG/W/23/11225

Max. Marks : 80

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

1. Describe hormones of coelenterates and their function.

OR

Write short notes on.

- a) Neuro endocrine system in molluscs.
- b) Hormones of Echinodermates.

2. Write in detailed on cephalic neuroendocrine system in insects.

OR

Write short notes on.

- a) Colour change mechanism in crustacea.
- b) Endocrine control of Metamorphosis in insect.

3. Describe structure hormone and function of Pineal gland in vertebrates.

OR

Write short notes on.

- a) Pituitary cell types.
- b) Hormones and function of thyroid gland.

4. Describe structure hormones and regulatory mechanism of parathyroid gland.

OR

Write shorts notes on.

- a) Endocrine pancrease.
- b) Suprarenal gland.

5. Attempt the following.

- a) Hormones of Echinodermata.
- b) Ecdysone.
- c) Somatotrophs.
- d) Gonadal hormone.
