

PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)

MSc DEGREE EXAMINATION DECEMBER 2018
(Third Semester)

Branch -**ZOOLOGY**

ENDOCRINOLOGY

Time: Three Hours

Maximum: 75 Marks

Answer **ALL** questions

ALL questions carry **EQUAL** Marks (5 x 15 = 75)

- 1 a Give a descriptive account on vertebrate endocrine system.
OR
b Enumerate and explain various methods used for hormone assay.
- 2 a Enumerate and explain pituitary hormones with their functions.
OR
b Describe the structure and functions of parathyroid gland. Add a note on the regulation of PRH secretion.
- 3 a Write a detailed account on the structure and functions of the adrenal cortex.
OR
b Explain the structure and functions of adrenal medullary hormones.
- 4 a Discuss in detail the role of endocrine in crustacean reproduction and moulting.
OR
b Enumerate and explain various insect neurosecretions with their specific functions.
- 5 a Discuss the role of hormones in pregnancy and parturition.
OR
b Write a detailed account on the hormonal control of amphibian metamorphosis.

Z-Z-Z

END