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D.K.M. COLLEGE FOR WOMEN (AUTONOMOUS), VELLORE – 1
SEMESTER EXAMINATIONS
JUNE – 2022
ELECTIVE - II: ENDOCRINOLOGY

21CPZO2D

Time: 3 Hrs

Max. Marks: 75

SECTION – A (5X 6 =30)

Answer ALL the questions.

1. (a) Describe about chemical messengers.
(Or)
(b) Discuss the scope of endocrinology.
2. (a) Describe briefly the structure of a pituitary gland.
(Or)
(b) Write a notes on feedback mechanism and releasing factors of pituitary gland.
3. (a) Explain the structure of pancreas.
(Or)
(b) List out the functions of medullary hormones.
4. (a) Explain the endocrine control of moulting in insects.
(Or)
(b) Write a brief account on the endocrine control of reproduction in crustaceans.
5. (a) Explain parturition.
(Or)
(b) Describe the structure of a mammalian testis.

SECTION – B (3X 15 =45)

Answer any THREE of the following questions.

6. List out briefly about the experimental methods in hormone research.
7. Discuss the effects of thyroid on reproduction.
8. Describe the structural organization of adrenal gland.
9. Discuss the endocrine control of metamorphosis in crustaceans.
10. Explain estrous cycle in brief.

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