

D.K.M.COLLEGE FOR WOMEN (AUTONOMOUS), VELLORE-1.

ENDOCRINOLOGY (16CPZO2D)

UNIT-I

SECTION-A

6 Marks

1. Explain the concepts of neurosecretions
2. Explain about the endocrine glands in crustacea
3. Discuss the moulting hormones in insects
4. Write a short note on endocrine control.

SECTION-B

15 Marks

1. Explain in detail about the secretions in insects
2. Describe the metamorphosis and reproduction in insects.

UNIT-II

SECTION-A

6 Marks

1. Draw and explain the structure of Pituitary gland
2. Explain about the thyroid effect especially on reproduction
3. Discuss the Parathyroid gland structure and their function
4. Write a short note on Thyroid gland with diagram

SECTION-B

15 Marks

1. Explain in detail about the secretions and functions of Pituitary gland
2. Describe the metabolic effects of Thyroid gland

UNIT-III

SECTION-A

6 Marks

1. Explain the Structure of pancreas
2. Describe the Structural organizations of adrenals
3. Write short notes on pancreatic secretion functions
4. Give an account on pancreatic hormones

SECTION-B 15 Marks

1. Discuss in detail about the functions of cortical and medullary hormones.

UNIT-IV SECTION-A 6 Marks

1. Discuss the Concepts of neurosecretions
2. Explain the endocrine systems in crustaceans
3. Discuss the endocrine control of moulting in crustaceans
4. Give an account on metamorphosis

SECTION-B 15Marks

1. Give an account on neuroendocrine system in insects

UNIT-V SECTION-A 6 Marks

1. Explain the Structure of mammalian testis and ovary
2. Explain the hormones of testis and ovary
3. Discuss the pregnancy hormones
4. Give an account on hormonal control of lactation

SECTION-B 15 Marks

1. Give an account on estrous and menstrual cycle
2. Explain the hormonal control of metamorphosis in an anuran amphibian.