

(LO 461)

FEBRUARY 2019

Sub. Code: 1461

D.M. – ENDOCRINOLOGY

Paper I – BASIC SCIENCES OF ENDOCRINOLOGY

Q.P. Code: 161461

Time: Three Hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 15 = 30)

1. Disorders of water and sodium homeostasis.
2. Congenital adrenal hyperplasia.

II. Write notes on:

(10 x 7 = 70)

1. Nuclear receptor ligands and their receptors.
2. Genes associated with Familial pituitary tumor syndromes.
3. Growth Hormone stimulation tests.
4. Thyroid hormone resistance.
5. Insulin signalling pathways.
6. The role of Co- peptin in the differential diagnosis of Diabetes Insipidus.
7. Diagnostic tests for Primary hyperaldosteronism.
8. Parathyroid independent hypercalcemia.
9. Bone- resorption and bone-formation markers.
10. Parathyroid hormone-related protein (PTHrP).
