

(LN 461)

AUGUST 2018

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. Transcription factors and pituitary development.
2. Immunometric assays.

II. Write notes on:

(10 x 7 = 70)

1. Genetics of male sex differentiation.
2. Hormonal and metabolic changes in puberty.
3. Bone- Pancreas loop.
4. Adrenarche.
5. Endocrine rhythms.
6. Adaptation of thyroid hormones during critical illness.
7. PPAR receptors.
8. Adipocyte browning and metabolic health.
9. Thyroid hormone transporters- Functions and clinical implications.
10. Pathophysiology of cyclical Cushing syndrome.
