

(LL 064)

AUGUST 2017

Sub. Code:1901

M.Ch. – ENDOCRINE SURGERY

Paper I – BASIC SCIENCES AS APPLIED TO ENDOCRINE SURGERY

Q.P.Code: 181901

Time: Three Hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 15 = 30)

1. Describe the physiology of thyroid hormone synthesis and the mechanism of action of anti-thyroid drugs.
2. Write an essay on the anatomy of the pituitary gland and the pathology of its endocrine tumours.

II. Write notes on:

(10 x 7 = 70)

1. Screening tests for Cushing's syndrome.
2. Pathophysiology of Graves' disease.
3. Serum calcium measurement and interpretation.
4. Role of Vitamin D in the body and relation to calcium homeostasis.
5. Surgeon performed ultrasound.
6. Surgical anatomy of the thyroid.
7. Histopathology of parathyroid tumours.
8. Adrenal myelolipoma – imaging and pathology.
9. Pathophysiology of gastrin hypersecretion.
10. Anatomy of the larynx and implications in thyroid surgery.
