

(LP 064)

AUGUST 2019

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 embryology and surgical anatomy of the thyroid gland with specific reference to thyroid remnants.
2. Physiology of secretion of catecholamines and its clinical effects.

**II. Write notes on:**

**(10 x 7 = 70)**

1. Variations in parathyroid gland locations.
2. Thyroid hormone synthesis.
3. Calcitonin.
4. Stunning effect in Whole body iodine scan.
5. Dopamine agonists.
6. Isolated mediastinal goitre.
7. Acromegaly.
8. Pathophysiology of 21 – hydroxylase deficiency.
9. Genetics of pheochromocytoma and paragangliomas.
10. Non recurrent laryngeal nerve.

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