

**THE TAMIL NADU DR.M.G.R. MEDICAL UNIVERSITY**

**(MCH 0124)**

**JANUARY 2024**

**Sub. Code: 1904**

**M.Ch. – ENDOCRINE SURGERY**

**PAPER IV – RECENT ADVANCES IN ENDOCRINE SURGERY AND  
INVESTIGATIONS FOR ENDOCRINE DISEASES**

*Q.P. Code: 181904*

**Time: Three Hours**

**Maximum: 100 Marks**

**I. Elaborate on:**

**(2 x 15 = 30)**

1. Remote access thyroidectomy techniques.
2. Advanced energy devices.

**II. Write notes on:**

**(10 x 7 = 70)**

1. Parathyroid incidentaloma.
2. Normohormonal hyperparathyroidism.
3. Parathyroid gland fluorescence imaging.
4. rPTH.
5. Targeted therapy for anaplastic carcinoma.
6. Somatostatin analogues.
7. miRNA role in oncogenesis of thyroid nodules.
8. Endoscopic parathyroidectomy.
9. SARA.
10. Diagnosis and treatment of mediastinal parathyroid.

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