

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. Outline the modern biochemical diagnosis of insulinoma and describe the various pre-operative localisation studies currently used.
2. Classify thyroid tumours and describe the newer pathological subtypes of thyroid cancer and its implications in the management and follow up.

II. Write notes on: **(10 x 7 = 70)**

1. Neuro-cutaneous markers in MEN syndromes.
2. Role of EUS in pancreatic endocrine tumours.
3. Novel imaging - modalities in pancreatic endocrine tumors.
4. Diagnostic modalities in the workup of persistent hyperparathyroidism.
5. ACR – TIRADS.
6. Advantages of robotic thyroidectomy and various approaches.
7. Approach to a patient with persistent or recurrent medullary thyroid cancer.
8. Management of cervical lymph nodes during prophylactic thyroidectomy.
9. Desmopressin stimulation test.
10. Familial hyperaldosteronism.
