

ENDOCRINOLOGY

PAPER – III

ENDO/J/17/07/III

Time : 3 hours

Max. Marks : 100

Important instructions:

- Attempt all questions in order.
- Each question carries 10 marks.
- Read the question carefully and answer to the point neatly and legibly.
- Do not leave any blank pages between two answers.
- Indicate the question number correctly for the answer in the margin space.
- Answer all the parts of a single question together.
- Start the answer to a question on a fresh page or leave adequate space between two answers.
- Draw table/diagrams/flowcharts wherever appropriate.

Write short notes on:

1. Clinical applications of somatostatin analogues - Diagnostic and therapeutic. 4+6
2. Autoimmune Addison's disease: Clinical presentation, diagnosis and treatment. 3+4+3
3. Role of USG in diagnosis of thyroid disorders. 10
4. Medullary thyroid carcinoma: Investigations, treatment and follow up. 2+4+4
5. Causes and management of hyponatraemia in hospitalized patients. 4+6
6. Adult growth hormone therapy: Indications, method and benefits. 4+4+2
7. Approach to a case of thyroid nodule (ATA based guidelines). 3+3+4
8. Thyroid hormone resistance: Clinical characteristics and treatment. 6+4
9. Fetal origin of adult disease (FOAD): Diseases and mechanisms. 4+6
10. a) Role of new insulin analogues in treatment of diabetes. 5+5
b) Overview of smart insulin.
