

**ENDOCRINOLOGY**

PAPER – III

ENDO/D/15/07/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. Diagnostic approach for an adrenal incidentaloma and its differential diagnosis.	5+5
2. Outline and categorize the differences between Dapagliflozin, Canagliflozin and Empagliflozin .	10
3. What are the types of Natriuretic peptides? What are the clinical disorders related to changes in their levels?	10
4. A patient presents with hypercalcaemia with a suppressed PTH level. He definitely has had no vitamin D intake. Outline the differential diagnosis and approach to diagnosis.	3+7
5. Radiological approach to a suprasellar lesion and the differential diagnosis.	10
6. A 50 year old gentleman presents with generalized tonic-clonic convulsions followings a total thyroidectomy of a follicular thyroid carcinoma, two days after surgery. What will be your therapeutic and diagnostic approach to the acute problem?	10
7. Use of continous glucose monitoring system and flash glucose monitoring systems in handling diabetes.	10
8. A 40 year old lady presents with severe headache, vomiting and asymmetrical bitemporal hemianopia over 2 days. She was perfectly well till 3 days before. MRI brain shows a 3 cm tall sellar mass with suprasellar extension. a) What is your approach to diagnosis? b) What is your differential diagnosis? c) How will you manage this patient?	3+3+4
9. Genetic applications in the diagnosis of congenital hypopituitarism.	10
10. Management strategies of diabetic patient during Ramzan fasting.	10

\*\*\*\*\*