

**ENDOCRINOLOGY**

PAPER – II

ENDO/J/17/07/II

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. Management of hypercalcemia: 5+5
  - a) PTH related
  - b) PTH unrelated
2. Recurrent hypoglycemia in type 1 diabetes mellitus: Causes recognition and treatment. 5+5
3. A 25 year male patient with dragging abdominal pain and 12cm right adrenal mass - differential diagnosis and investigations. 4+6
4. Differential diagnosis, investigations & treatment outline for a short statured girl of 8 years with lower limb deformity. 3+4+3
5. Mechanism and treatment of glucocorticoid induced osteoporosis. 5+5
6. Diabetes insipidus after pituitary or hypothamic surgery: Mechanisms and treatment. 5+5
7. Treatment options of thyroid associated orbitopathy. 10
8. Outline differential diagnosis, investigations and treatment of a 25 year old female with hirsutism. 2+4+4
9. Differential diagnosis, investigations and treatment plan of a 6 month child with hypospadias (perineal) and non palpable gonads? 4+3+3
10. Progestin only contraceptive methods – preparations, efficacy and side effects. 2+4+4

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