

ENDOCRINOLOGY

PAPER-II

ENDO/D/18/07/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 plan for a 26-year-old lady with salt wasting congenital adrenal hyperplasia (21- α hydroxylase deficiency) before and during pregnancy. 5+5
2. Diagnosis and management of Cyclical Cushing's syndrome. 5+5
3. Utility of TSH receptor antibodies in thyrotoxicosis. 10
4. Evaluation and long term management of a 35-year-old gentleman diagnosed with medullary carcinoma thyroid with serum Calcitonin 1500 pg/ml. 5+5
5. Anabolic therapies for management of osteoporosis. 10
6. Evaluation and management of a 20-year-old gentleman with recurrent renal calculi from the age of 16 years with hypercalcaemia. 7+3
7. Diagnosis and treatment of hypophosphatemic rickets. 5+5
8. Pathogenesis and management of hypoglycemia unawareness. 5+5
9. Discuss the evidence for use of metformin Vs insulin therapy for control of gestational diabetes mellitus. 10
10. a) List the different types of Maturity Onset Diabetes of Young (MODY). 3+(2+3+2)
b) When do you suspect MODY? How do you evaluate and treat these patients?
