



ENDOCRINOLOGY

PAPER – II

ENDO/D/14/07/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. Outline the investigational and management profile of fibrocalcific pancreatic diabetes. 10
2. A 40 year old gentleman with diabetes, presents with pain in the medial aspect of his foot for 2 weeks. He has edema and tenderness. He cannot perceive a 10g monofilament and biothesiometry is 35 mV. X-ray shows Charcot's 2 and 4 by Mrdjenovich's classification. Describe your investigation and management plan. 10
3. Radiological imaging of the adrenal gland in patients with adrenal tumours. 10
4. Bone remodeling and its regulation. 10
5. Diagnosis and aetiology of premature ovarian failure. 10
6. Screening strategies for Cushing's syndrome. 10
7. What are the short term and long term consequences of Radioiodine therapy? How will you minimize and treat these problems? 10
8. What are the therapeutic agents used in ovulation induction? What are the pros and cons of each kind of agent? 10
9. Role of FGF-23 in normal physiology and disease states. 10
10. Describe the aetiological factors and natural history of cryptorchidism. Outline the management (investigation and therapy) of this disorder. 10
