

FINAL EXAM
DECEMBER 2016

NATIONAL BOARD OF EXAMINATIONS

ENDOCRINOLOGY**PAPER – II**

ENDO/D/16/07/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. What is FGF-23? Write its clinical implications. 3+7
2. Post Bariatric Surgery Nutritional Management. 10
3. What is Gluco-lipotoxicity? How this affects β -cell function, its role in Type 2 diabetes and its clinical implications? 3+(2+2+3)
4. What is hypoglycemia associated autonomic failure (HAAF)? How do you manage it? 5+5
5. a) What are the adverse effects of bisphosphonates treatment? 5+5
b) Atypical fracture and osteonecrosis of jaw: mechanisms and their management.
6. a) Hypertriglyceridemia - when to treat. 3+7
b) How will you manage a case of severe hypertriglyceridemia ($>2000\text{mg/dl}$)?
7. How to manage men with borderline testosterone deficiency? 10
8. How will you manage a thyroid cancer patient with Anti-Thyroglobulin antibodies positivity? 10
9. Subclinical hyperthyroidism – diagnosis and when to treat. 5+5
10. A 13 year old girl presents with cyclical haematuria - how to evaluate her and what are the clinical implications? 5+5
