

FINAL EXAM  
JUNE 2018

NATIONAL BOARD OF EXAMINATIONS

## ENDOCRINOLOGY

## PAPER-II

ENDO/J/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.  | SGLT2 inhibitors and ketoacidosis: possible mechanistic links.  | 10 |
| 2.  | Incretin based therapy in the management of diabetes mellitus.  | 10 |
| 3.  | Various insulins with their characteristics available for treatment of diabetes mellitus.   | 10 |
| 4.  | Management of hypophosphatemic rickets.   | 10 |
| 5.  | Place of recombinant PTH therapy in the management of hypoparathyroidism: critical appraisal  | 10 |
| 6.  | WNT signaling pathways in relation to metabolic bone disease.   | 10 |
| 7.  | Subclinical thyroid diseases and their management.  | 10 |
| 8.  | Management of solitary thyroid nodule.  | 10 |
| 9.  | Adrenal incidentaloma   | 10 |
| 10. | Clinical and biochemical parameters following steroid therapy in the follow up of a male patient with salt wasting 21- $\alpha$ hydroxylase congenital adrenal hyperplasia. | 10 |

\*\*\*\*\*