

ENDOCRINOLOGY

PAPER – III

Time : 3 hours
Max. Marks : 100

ENDO/D/17/07/III

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. Salient features of CANVAS and CANVAS-R trials. 5+5
2. Role of tyrosine kinase inhibitors in treatment of pituitary tumours. 10
3. Genetic causes of isolated and combined pituitary hormone deficiency. 5+5
4. New insulins, new combinations and smart insulins. 4+3+3
5. Approach to a patient with recurrent hypoglycemia with no history of diabetes. 10
6. Describe PCSK9 monoclonal antibodies and statin intolerance. 6+4
7. Evaluation and treatment of women with hirsutism and androgenic alopecia. 10
8. Role of renin and prorenin in heart failure and cardiorenal cross-talk. 10
9. Adenosine signaling in diabetes mellitus – patho physiology and therapeutic considerations. 5+5
10. Effect of alcohol on the endocrine system. 10
