

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:

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| 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 |
