

**QP Code:104103**

**Reg. No.:.....**

**PG Degree Supplementary Examinations in Biochemistry (MD)  
November 2021**

**Paper IV - Clinical Biochemistry & Endocrinology**

**Time: 3 hrs**

**Max marks:100**

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw table/diagrams/flow charts wherever necessary*

**Essay:**

**(20)**

1. Describe the mechanism of hormone action

**Short essays:**

**(8x10=80)**

2. Role of liver function tests in laboratory diagnosis of jaundice.
3. How do you diagnose and monitor diabetes mellitus. Add a note on diabetic ketoacidosis.
4. Laboratory diagnosis of osteoporosis
5. Biochemical changes in pregnancy
6. Adipocyte as an endocrine organ
7. Microalbuminuria and its significance
8. Gastrointestinal hormones
9. Biochemical basis of aging

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