

QP Code:104103

Reg. No.:.....

**PG Degree Regular/Supplementary Examinations in Biochemistry
(MD) November 2025**

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 in detail about aminoacidurias and the steps to evaluate aminoacidurias.

Short essays: (8x10=80)

2. Guidelines for microalbuminuria screening.
3. Clinical utility of measuring insulin, proinsulin, c-peptide and glucagon.
4. Disorders of galactose metabolism and laboratory evaluation.
5. Biochemical markers of bone resorption.
6. Suggested algorithm for laboratory evaluation of thyroid functions.
7. Point of care testing.
8. Discuss in detail about laboratory assessment of functional status of adrenal cortex.
9. Laboratory evaluation of female infertility.
