

QP Code:104103

Reg. No.:.....

**PG Degree Supplementary Examinations in Biochemistry (MD)
January 2024**

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. What is Laboratory Information System [LIS]. Discuss the advantages of LIS in a Tertiary care hospital

Short essays:

(8x10=80)

2. Discuss the composition and analysis of Renal Calculi.
3. Metabolic Syndrome and its laboratory evaluation.
4. Secondary degenerative changes associated with Diabetes Mellitus.
5. Gastrointestinal hormones.
6. Neuromodulators, significance, and their mechanism of action.
7. Biogenesis, secretion, transport, and mode of action of pancreatic hormones.
8. Non—alcoholic liver disease.
9. Biochemical markers in amniotic fluid.
