

QP Code:104103

Reg. No.:.....

**PG Degree Regular/Supplementary Examinations in Biochemistry
(MD) May 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. List out the renal function tests. Enumerate the causes of chronic renal failure and add a note on the laboratory diagnosis of the same. Short note on the novel biomarkers

Short essays:

(8x10=80)

2. Lab automation
3. Cardiac function tests
4. Lab diagnosis of aminoacidurias
5. Porphyrin's and their laboratory diagnosis.
6. Describe the renal regulation of acid base balance. Add a note on metabolic acidosis.
7. Fatty liver and lipotropic factors
8. Biochemical basis of complications and degenerative changes associated with diabetes mellitus
9. Fetoplacental function tests
