

QP Code: 101103

Reg. No.:.....

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

Paper I – General Biochemistry, Enzymes & Biostatistics

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 the structure, classification and functions of immunoglobulins.

Short essays:

(8x10=80)

2. Principle and applications of Column chromatography.
3. Describe the factors affecting oxygen binding to hemoglobin.
4. Transport across biological membranes.
5. Correlation coefficient and coefficient of variation.
6. Phospholipids and their functions.
7. Mucopolysaccharides
8. Describe the pre-analytical variables that influence quality of reports in Clinical Biochemistry Laboratory
9. Different types of enzyme inhibitors with examples.
