

QP Code: 101103

Reg. No.:.....

**PG Degree Regular/Supplementary Examinations in Biochemistry  
(MD) May 2022**

**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 the structure and types of Collagen. Add a note on the relationship of function to the three dimensional structure.

**Short essays:**

**(8x10=80)**

2. Gel filtration chromatography.
3. Acute Phase proteins
4. Ion selective electrodes
5. Sphingolipids
6. Isoenzymes and their clinical applications
7. Henderson Hasselbach's equation.
8. Subcellular fractionation and marker enzymes.
9. Reference intervals.

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