

QP Code: 101103

Reg. No.:.....

**PG Degree Regular/Supplementary Examinations in Biochemistry  
(MD) May 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. What are the different techniques available for separation and purification of biomolecules. Explain the technique of ultracentrifugation in detail.

**Short essays:**

**(8x10=80)**

2. Classify phospholipids. Describe their functions.
3. Method evaluation
4. Atomic absorption spectrophotometry
5. Reference interval
6. Immobilised enzymes
7. Glycoproteins
8. Thalassaemia's
9. Ceruloplasmin

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