

QP Code: 101103

Reg. No.:.....

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

**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. Explain in detail ELISA technique and its clinical application, merits and demerits.

**Short essays:**

**(8x10=80)**

2. Autoradiography
3. Radioimmunoassay
4. Donnan membrane equilibrium and buffers
5. Non-HDL cholesterol in plasma
6. Haemoglobinopathies
7. Glycosaminoglycans
8. ROC (Receiver Operating Characteristic Curve)
9. Methods for assessing purity of enzyme

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