

**QP CODE: 103326**

**Reg. No: .....**

**First Year Pharm D Degree Supplementary Examinations May 2023**

**Medicinal Biochemistry**

**Time: 3 Hours**

**Total Marks: 70**

- *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*

**Essays**

**(3x10=30)**

1. Explain in detail Glycolysis.
2. Write about mutation and DNA repair mechanism.
3. Explain the various transport process across cell membranes.

**Short notes:**

**(8x5=40)**

4. Isoenzyme and its functions.
5. Explain the estimation of sodium and potassium in the body fluids.
6. Metabolic disorders of amino acids.
7. Explain urine analysis briefly.
8. Diabetes mellitus.
9. How will you determine the HDL cholesterol in serum.
10. Oxidative phosphorylation.
11. Enzyme Linked Immunosorbent Assay

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**CORRECTION / NO-CORRECTION FILE**

**QPCODE: 103326**

**Dated: 08-05-2023**

**There are no corrections in today's question paper.**

**This matter to be announced by the Chief Supdt./Invigilator and get the signature of two students - one from the front row and one from the back row, as a proof of this announcement.**

**(Sd/-)**

**CONTROLLER OF EXAMINATIONS**