

QP Code: 101383

Reg. No.....

**First Year M.Sc. MLT Degree Supplementary Examinations March 2024
(Biochemistry)**

Paper I - General Biochemistry & Chemistry of Biomolecules

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 diagrams wherever necessary*

Essays:

(10x10=100)

1. Explain water as universal solvent.
2. Principle and parts of spectrophotometer.
3. Explain different methods for standardization of laboratory glassware.
4. Biomedical waste disposal.
5. Ion selective electrodes.
6. What are Buffers. Write in detail different types of buffers used in biochemistry lab. (4+6)
7. What are ionizing radiations. Write in brief about advantages and disadvantages of various ionizing radiations. (3+7)
8. Write in detail about structural organization of proteins.
9. Write in detail about classification of lipids.
10. What are the precautions and regulations regarding transport of biological specimens.
