

QP Code: 202384

Reg. No.....

**Second Year M.Sc. MLT Degree Supplementary Examinations
March 2024**

(Pathology)

Paper VI - Laboratory Organization, QC and Recent Advances in Pathology

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. Discuss the significance and requirements for laboratory accreditation
2. Automation in erythrocyte sedimentation rate
3. Applications of microarray in histopathology
4. Fluorescent insitu hybridization- principle and applications in pathology
5. Disposal of Biomedical waste
6. Telepathology
7. Discuss the advantages and disadvantages of automated slide stainer
8. Cryostat in histopathology lab
9. High performance liquid chromatography
10. Quality control of blood components
