

QP Code: 202384

Reg. No.....

**Second Year M.Sc. MLT Degree Regular/Supplementary Examinations
September 2023**

(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. Closed system analysers - advantages and disadvantages
2. Haematology analysers – their principles and types
3. Quality assurance systems in haematology
4. Molecular diagnosis of acute leukaemia - recent advances
5. Automation in the cytopathology - advantages and disadvantages
6. Maintenance of laboratory records and statistics
7. Automatic staining machines.
8. Fluorescent In Situ Hybridisation (FISH)
9. Functions of a quality manager in the blood bank
10. Laboratory safety criteria for National Accreditation Board for Testing and Calibration for Laboratories (NABL)
