

QP Code: 202384

Reg . No.....

**Second Year M.Sc. MLT Degree Examinations November 2017
(Pathology)**

PAPER VI - LABORATORY ORGANIZATION, QC AND RECENT ADVANCES IN PATHOLOGY

Time: 3 hrs.

Max. marks: 100

- *Answer all questions*
- *Draw diagrams wherever necessary*

Essays:

(10x10 = 100)

1. Open system analysers- advantages and disadvantages
2. Purchasing of closed system analysers
3. Quality assurance systems in histopathology
4. Use of immunohistochemistry in cytology
5. Automation in the histopathology - advantages and disadvantages
6. Outsourcing laboratory tests - principles
7. Organization of laboratory services in a primary care hospital
8. Flow cytometry
9. New generation haematology cell counters.
10. Error investigation in a modern laboratory
