

**QP Code: 202384**

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

**Second Year M.Sc. MLT Degree Examinations – November 2016  
(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. Classify microtomes. Discuss microtomy for immunofluorescence studies
3. Quality assurance systems in histopathology
4. Laboratory diagnosis of chronic leukaemias - recent advances
5. Automation in the histopathology - advantages and disadvantages
6. Maintenance and calibration of laboratory equipments
7. Laboratory safety manual
8. Automatic immuno-staining machines.
9. Use of flow cytometry in haematological diseases
10. Functions of a quality manager in the cytology laboratory

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