

QP Code : 202384

Reg . No.....

**Second Year M.Sc. MLT Degree Supplementary Examinations – May 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. What are open and closed system analysers. Explain the advantages and disadvantages of each.
2. L.J. chart and its significance.
3. Proficiency testing in clinical laboratory.
4. Westgard rule and its applications.
5. Automation in histopathology
6. Biomedical waste management in laboratory.
7. Role of different vacutainers in phlebotomy.
8. How do you optimize the laboratory workflow and performance.
9. Explain the principles of instrumentation.
10. Laboratory statistics and analysis.

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