

**QP Code: 202384**

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

**Second Year M.Sc. MLT Degree Regular/Supplementary Examinations  
April 2021**

**(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 internal and external quality control.
2. Discuss the various aspects of laboratory design in detail. Add a note on total quality management in a laboratory
3. Write about laboratory safety measures
4. Discuss the Documentation in clinical laboratory.
5. Describe the financial management in clinical laboratory
6. Automation in haematology
7. Describe instruments used in histopathology
8. Discuss preanalytical and post analytical errors in automation in laboratory
9. Describe the planning for laboratory automations.
10. Describe the methods of validation and process control.

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