

QP Code: 202384

Reg. No.....

**Second Year M.Sc. MLT Degree Supplementary Examinations April
(November), 2020**

(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 the advantages Open and Closed system Haematology analyzers
2. Discuss the Pre analytic errors in Laboratory reports. How can they be reduced/avoided.
3. Computerization in histopathology and use of software for reporting.
4. Preparation of a Quality manual for the Histopathology Laboratory.
5. How will you set up a Central Laboratory in 300 bedded hospital.
6. Enumerate the new generation equipments used in a modern Blood Bank and their uses.
7. PCR applications in Histopathology.
8. Different types of automated Tissue processors. Discuss advantages.
9. Discuss the principles involved in the '6 part' and '7 part' Haematology analyzers
10. External Quality Assurance Systems(EQUAS) in Histopathology.
