

QP Code: 102384

Reg. No.....

**First Year M.Sc. MLT Degree Supplementary Examinations October 2021
(Pathology)**

Paper II - Histopathology

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 table/diagrams/flow charts wherever necessary*

Essays:

(10x10=100)

1. Describe the principles of staining in histopathology.
2. Discuss types of microtomes and their uses.
3. Describe microwave tissue fixation. Mention its advantages and disadvantages.
4. Discuss mounting media.
5. Describe cryostat sectioning of tissues.
6. Discuss Immunofluorescence technique and its applications.
7. Describe the staining methods for glycogen.
8. Discuss the staining of renal biopsy specimens.
9. Discuss micro anatomical fixatives.
10. Discuss the use of automation in various steps of tissue processing.
