

QP Code: 102384

Reg. No.....

**First Year M.Sc. MLT Degree Supplementary Examinations January 2023
(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 different types of microtomes and factors affecting cutting of tissue.
2. What are the different types of Haematoxylin stains. How are they prepared and mention the differences between them.
3. Describe the uses and features of various clearing agents used in histopathology.
4. Describe the freeze drying method of fixation.
5. Describe the factors affecting processing and different types of embedding media.
6. Which are the connective tissue stains. Describe reticulin stain in detail.
7. Describe the different types of pigment deposits in tissue sections and their remedy.
8. Describe the basic aspects of immune fluorescence techniques including its applications.
9. Describe in detail about decalcification techniques.
10. Automated tissue processing.
