

QP Code: 102384

Reg. No.....

First Year M.Sc. MLT Degree Regular/Supplementary Examinations

April 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. Discuss the types of fixation and describe formaldehyde fixation in detail.
2. Explain decalcification of histological specimen.
3. Describe the different types of clearing agents used in tissue processing.
4. Describe the media and the methods used for embedding tissues.
5. Describe the cryostat and the cryostat sectioning.
6. Explain the principles of histological stains.
7. Describe the principle and procedure of Masson trichrome staining.
8. Describe the artefact pigments in tissues and their removal.
9. Discuss the direct and indirect methods for immunohistochemistry.
10. Describe the colour restoration, preservation and presentation of specimens for museum mounting
