

QP Code: 102384

Reg. No.....

**First Year M.Sc. MLT Degree Examinations November 2018
(Pathology)**

Paper II - Histopathology

Time: 3 hrs.

Max. marks: 100

- **Answer all questions**
- **Draw diagrams wherever necessary**

Essays:

(10x10=100)

1. Describe the working and functions of an automatic tissue processor.
2. Discuss in detail the method of paraffin section cutting. Add a note on section adhesives.
3. Describe the different types of iron haematoxylin.
4. Differentiate between staining and impregnation. Describe the principle and procedure of Gomori's method for reticular fibres.
5. Describe the methods for the demonstration of amyloid in tissues.
6. Describe the reception, preparation and fixation of specimens for museum mounting.
7. Describe the quality control in immunohistochemistry.
8. Describe the fixation and demonstration of lipids in tissues.
9. Explain enzyme histochemistry and the use of controls in enzyme histochemistry.
10. Describe the direct and indirect methods of immunofluorescent technique
