

QP Code: 102384

Reg . No.....

**First Year M.Sc. MLT Degree Examinations November 2017
(Pathology)**

PAPER – II HISTOPATHOLOGY

Time : 3 hrs.

Max. marks : 100

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

Essays:

(10x10 = 100)

1. Describe the laboratory equipments needed in histopathology
2. Describe the types of microtomes and their uses
3. What are fat stains. How they are prepared and what are their uses.
4. Discuss the preparation of haematoxylin stain
5. Discuss the various artefacts that occur during the steps of tissue processing and sectioning
6. Discuss the molecular markers for lymphoma, carcinoma and sarcoma
7. Discuss the types of enzyme histochemistry in histopathology
8. Discuss the method, advantages and disadvantages of microwave fixation
9. Discuss the steps of immunohistochemistry
10. Discuss the preparation of reticulin stain and the care to be taken in silver staining methods
