

QP Code: 102384

Reg. No.....

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

**August 2022**

**(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 in detail dehydrating agents.
2. Faults and remedies in section cutting.
3. Organisation of histopathology laboratory.
4. Microwave technology in histopathology laboratory.
5. Principle and an application of immune histochemistry.
6. Museum techniques including preparation, storage and special methods for maintenance of various tissues.
7. Role of frozen section in surgical pathology.
8. Describe Prussian blue staining in detail, the indication, principle and procedure.
9. Describe the genetic changes in soft tissue tumours and the molecular methods to identify them.
10. Principles and uses of immunofluorescence in histopathology.

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