

QP Code: 104384

Reg. No.....

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

**July 2025**

**(Pathology)**

**Paper IV - Cytology**

**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. Principal features of Cytologic Sampling techniques.
2. Cytoskeleton
3. Describe the cyclical changes in cervicovaginal smear.
4. Sampling systems for Liquid based processing.
5. Inflammatory process of female genital tract.
6. Preparation and quality control of Papanicolaou stain.
7. Immunocytochemistry.
8. Organization of Cytology laboratory.
9. Fine needle aspiration cytology.
10. Cytology of Respiratory Tract.

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