

QP Code: 104384

Reg. No.....

**First Year M.Sc. MLT Degree Supplementary Examinations
January 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. Flow cytometry in cytology.
2. Fine needle aspiration cytology.
3. Broncho alveolar lavage.
4. Collection and processing of sputum for cytology.
5. Discuss in detail the cytological fixatives. Add a note on spray fixatives.
6. Discuss the composition, preparation and staining procedure of Papanicolaou stain.
7. Discuss in detail cytospin preparation and its advantages.
8. Describe the normal cells seen in cervical cytology.
9. Discuss Liquid based cytology. Add a note on its advantages.
10. Explain the methods of processing and smear preparation from body fluids.
