

QP Code: 104384

Reg. No.....

**First Year M.Sc. MLT Degree Regular/Supplementary Examinations
August 2022
(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. Discuss about hormonal evaluation of female genital tract. Add a note on squamocolumnar junction.
2. Explain about normal cytology of lower urinary tract. Describe about sample collection methods to study urine cytology.
3. Explain about sample preparation, isolation techniques and staining in flow cytometry.
4. Discuss about normal and abnormal sputum cytology.
5. Explain about processing of mucoid sample for microscopic examination.
6. Discuss about staining technique used for identification of sex chromatin.
7. Explain about different types of fixative solutions used in cytology
8. Discuss about role of liquid based cytology in cervical screening
9. Explain about cytology of synovial fluid
10. Fine needle aspiration cytology of lymph node.
