

QP Code: 103384

Reg. No.....

**First Year M.Sc. MLT Degree Supplementary Examinations March 2024
(Pathology)**

Paper III - Clinical Pathology & Cytogenetics

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. Microscopic examination of urine
2. Laboratory evaluation of cerebrospinal fluid in a case of bacterial meningitis
3. Barr body demonstration
4. Briefly describe the identifying features of various types of parasitic ova seen in stool, using diagrams
5. Semen analysis in a case of infertility
6. Spectral Karyotyping
7. Tests to demonstrate proteins in urine
8. Describe the features and genetics of Turner syndrome
9. Analysis of pleural fluid
10. Tests to detect specific gravity of urine. What is isosthenuria
