

QP Code: 103384

Reg. No.....

**First Year M.Sc. MLT Degree Supplementary Examinations December 2020
(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. Discuss the direct chromosome preparation of bone marrow cells
2. Discuss the features and genetics of Turner's syndrome
3. Describe the different banding techniques
4. Describe the morphology of chromosomes
5. Discuss the various techniques for demonstrating sex chromatin bodies
6. Discuss the collection and preservation of urine
7. Describe the routine examination of sputum
8. Describe the pleural fluid examination
9. Discuss the chemical examination in stool
10. Describe the semen analysis
