

QP Code: 103384

Reg. No.....

**First Year M.Sc. MLT Degree Supplementary Examinations April 2019
(Pathology)**

Paper III - Clinical Pathology & Cytogenetics

Time: 3 hrs.

Max. marks: 100

- **Answer all questions**
- **Draw diagrams wherever necessary**

Essays:

(10x10=100)

1. Describe the features, genetics and types of hermaphroditism
2. Discuss the steps and uses of bone marrow karyotyping
3. What is the definition, importance and diseases associated with multifactorial inheritance.
4. Describe the structural abnormalities of chromosomes
5. Discuss the prenatal diagnosis of genetic disorders
6. Discuss the types of proteinuria
7. Describe the cell count in CSF
8. Discuss sperm morphology in semen examination
9. Discuss the tests for occult blood detection in stool
10. Describe the physical appearance of sputum in various disorders
