

QP Code: 103384

Reg. No.....

First Year M.Sc. MLT Degree Regular/Supplementary Examinations

April 2021

(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 culture techniques used for karyotyping
2. Discuss the features and genetics of Down's syndrome
3. Describe the autoradiography of human chromosomes
4. Describe the chromosome identification by image analysis
5. Discuss the in situ hybridization
6. Discuss the organised sediments in urine
7. Describe the various stool concentration techniques
8. Describe the physical and microscopic examination of CSF
9. Discuss the direct and indirect methods for detecting HCG levels
10. Describe the collection and examination of synovial fluid
