

QP Code: 103384

Reg. No.....

**First Year M.Sc. MLT Degree Examinations November 2017**  
**(Pathology)**

PAPER – III CLINICAL PATHOLOGY & CYTOGENETICS

Time: 3 hrs.

Max. marks: 100

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

**Essays:**

**(10x10 = 100)**

1. Klinefelter's syndrome
2. X – linked disorders
3. Sputum analysis
4. Autoradiography of human chromosomes
5. Quantitative and qualitative protein estimations of a urine sample
6. Microscopic analysis of stool sample
7. Banding techniques
8. Techniques for detection of malarial parasite
9. Urinary deposits
- 10."Explain fluorescent insitu hybridization with its clinical importance.

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