

QP Code : 103384

Reg . No.....

**First Year M.Sc. MLT Degree Examinations – October 2014  
(Pathology)**

PAPER – III CLINICAL PATHOLOGY & CYTOGENETICS

**Time : 3 hrs.**

**Max. marks : 100**

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

**Essays:**

**(10x10 = 100)**

1. Banding techniques
2. Fluorescent in situ hybridization and its applications
3. Special tests on semen analysis
4. Urinary casts and their clinical significance
5. Laboratory evaluation of proteinuria
6. Microscopic examination of stool
7. Barr body
8. Characteristics of normal CSF
9. Chromosome culture
10. Methods of detection of HCG and its clinical application

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