

QP Code : 202385

Reg . No.....

**Second Year M.Sc. MLT Degree Examinations – February 2014
(Microbiology)**

PAPER – VI APPLIED MEDICAL MICROBIOLOGY AND RECENT ADVANCES

Time : 3 hrs.

Max. marks : 100

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

Essays:

(10x10 = 100)

1. Bacteriological testing of water.
2. Automated methods in bacterial culture, identification and sensitivity.
3. Quality control in clinical microbiology laboratory.
4. Nosocomial infections- Definition, types, modes of spread and prevention.
5. Line immunoassay- Principle and applications.
6. Basic principles and methods in investigation of an outbreak of an infection.
7. Maintenance of bacterial stock cultures.
8. Molecular methods in diagnosis of viral infections.
9. Urinary tract infections- Aetiology, risk factors and laboratory diagnosis.
10. Ethical issues in handling laboratory animals.
