

**QP Code: 202385**

**Reg . No.....**

**Second Year M.Sc. MLT Degree Examinations November 2017  
(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. Define hospital acquired infections. Describe a note on catheter associated blood stream infections.
2. Describe the methods of bacteriological analysis of water.
3. Describe briefly the recent methods for diagnosing infectious diseases.
4. Modifications of PCR and the application of each.
5. Environment, housing and management of laboratory animals.
6. Biological safety cabinets.
7. Laboratory diagnosis of urinary tract infection.
8. Describe the 'standard precautions'.
9. Bioterrorism.
10. DNA vaccines.

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