

QP Code: 101385

Reg. No.....

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

PAPER – I GENERAL MICROBIOLOGY

Time: 3 hrs.

Max. marks: 100

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

Essays:

(10x10 = 100)

1. Staining techniques for demonstrating bacteria by light microscopy.
2. Bacterial metabolism.
3. Methods of typing bacteria.
4. Process involved in biomedical waste management.
5. Moist heat sterilization methods.
6. Discuss bacterial spore.
7. Describe the different selective media used for bacteria.
8. Genetic basis of antibiotic resistance in bacteria.
9. What is minimum inhibitory concentration (MIC). Discuss the methods of detecting MIC.
10. Describe the role of different vectors in transmission of infection.
