

QP Code : 101385

Reg . No.....

**First Year M.Sc. MLT Degree Examinations – September 2016
(Microbiology)**

PAPER – I GENERAL MICROBIOLOGY

Time : 3 hrs.

Max. marks: 100

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

Essays:

(10x10 = 100)

1. Explain in detail about bacterial flagella.
2. Gene transfer in bacteria.
3. Discuss about the genotypic and phenotypic variations in bacteria.
4. Describe micrometry and its use.
5. Discuss the non cultural methods of identification of bacteria.
6. Discuss the methods of bacterial quantification.
7. Discuss the contribution of Louis Pasteur to microbiology.
8. Explain about quality control in media.
9. Explain the cleaning and sterilization of common glassware's in microbiology
10. Disinfections of thermo labile equipments
