

QP Code: 101385

Reg. No.....

**First Year M.Sc. MLT Degree Regular/Supplementary Examinations
December 2019
(Microbiology)
Paper I - General Microbiology**

Time: 3 hrs.

Max. marks: 100

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

Essays:

(10x10=100)

1. Robert Koch
2. Bacterial nutrition
3. Explain the methods of laboratory safety
4. Define sterilization and disinfection. Discuss about various disinfectants with its action and uses
5. Electron microscope
6. Differential staining
7. Quality control used in culture media
8. Lyophilisation
9. Rapid identification system
10. Different methods of gene transfer. Write any one mechanism in detail.
