

**QP Code: 101385**

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

**First Year M.Sc. MLT Degree Supplementary Examinations May 2018  
(Microbiology)**

**PAPER – I GENERAL MICROBIOLOGY**

**Time: 3 hrs.**

**Max. marks: 100**

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

**Essays:**

**(10x10 = 100)**

1. Describe in detail about the antigenic structure, functions, staining methods of capsule.
2. Commonly used enriched media - preparation, use and its control.
3. Dark ground microscope.
4. Flagella staining methods.
5. Gaseous disinfectants.
6. Controls of moist heat sterilisation.
7. Describe in detail the tests for detection of various bacterial enzymes.
8. Transduction.
9. Quantitative culture methods for bacteria.
10. Biomedical waste disposal

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