

QP Code : 102385

Reg . No.....

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

PAPER – II SYSTEMATIC AND DIAGNOSTIC BACTERIOLOGY

Time : 3 hrs.

Max. marks : 100

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

Essays:

(10x10 = 100)

1. Enumerate the virulent factors and laboratory diagnosis of streptococcus pyogenes. Add a note on the non-suppurative complications.
2. Laboratory diagnostic tests for enteric fever.
3. Aetiology, pathogenesis and laboratory diagnosis of gas gangrene.
4. Pathogenesis and laboratory diagnosis of cholera.
5. Enumerate the causative agents of meningitis. Describe the laboratory diagnosis of Meningococcal meningitis.
6. Name the causative agents of bacterial diarrhoea. Describe the types and diseases caused by diarrhoeagenic E.coli.
7. Name the various methods for antibiotic susceptibility testing. Describe disc-diffusion method in detail.
8. Aetiology and laboratory diagnosis of bacterial vaginosis.
9. TRIC agents.
10. Define pyrexia of unknown origin (PUO). Enumerate the causes for PUO. Describe the laboratory diagnosis of brucellosis.
