

QP Code : 102385

Reg . No.....

**First Year M.Sc. MLT Degree Examinations – October 2014  
(Microbiology)**

PAPER – II SYSTEMATIC AND DIAGNOSTIC BACTERIOLOGY

**Time : 3 hrs.**

**Max. marks : 100**

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

**Essays:**

**(10x10 = 100)**

1. Discuss staphylococcal infections and its laboratory diagnosis.
2. List the bacteria causing pyogenic meningitis. Describe the laboratory diagnosis of pyogenic meningitis.
3. Atypical mycobacterial infections.
4. Describe the laboratory diagnosis of tetanus. Add a note on prophylaxis of tetanus.
5. Describe the different methods of specimen collection and processing in the diagnosis of urinary tract infection.
6. Halophilic vibrios.
7. Laboratory diagnosis of syphilis.
8. Describe briefly the non- fermentors.
9. Life cycle of chlamydia. Describe the infections caused by *C. trachomatis* and its laboratory diagnosis.
10. Describe laboratory diagnosis of gonorrhoea. Define PPNG.

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