

QP Code: 102385

Reg . No.....

**First Year M.Sc. MLT Degree Supplementary Examinations**  
**October 2021**  
**(Microbiology)**

**Paper II - Systematic and Diagnostic Bacteriology**

**Time: 3 hrs.**

**Max. marks: 100**

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw table/diagrams/flow charts wherever necessary*

**Essays:**

**(10x10=100)**

1. Classify streptococci. Describe in detail the laboratory diagnosis of enterococcal infections
2. Laboratory diagnosis of anthrax.
3. Isolation and toxin detection of clostridium difficile.
4. Classify enterobacteriaceae. Describe in detail the laboratory diagnosis of E.coli infections
5. Laboratory diagnosis of cholera.
6. Sample collection, processing for diagnosis of pyogenic meningitis.
7. Laboratory diagnosis of extra pulmonary tuberculosis.
8. HACEK group of organism.
9. Laboratory diagnosis of chlamydia infections.
10. Classify rickettsia. Laboratory diagnosis of typhus fever

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