

QP Code: 102385

Reg. No.....

**First Year M.Sc. MLT Degree Supplementary Examinations
January 2023
(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. Laboratory diagnosis of pulmonary tuberculosis. Add a note on newer diagnostic methods for pulmonary tuberculosis.
2. Enumerate four bacteria causing gas gangrene. Describe the laboratory diagnosis of gas gangrene. (2+8)
3. Laboratory diagnosis of enteric fever.
4. Enumerate four bacteria causing zoonotic infections. Describe the laboratory diagnosis of brucellosis.
5. Enterohemorrhagic E.Coli (EHEC).
6. Gonococcal urethritis.
7. Laboratory diagnosis of chlamydia infections.
8. Methicillin Resistant Staphylococcus Aureus (MRSA).
9. El Tor vibrio.
10. HACEK group of organisms.
