

QP Code: 202385

Reg. No.....

**Second Year M.Sc. MLT Degree Regular/Supplementary
Examinations February 2022**

(Microbiology)

Paper VI - Applied Medical Microbiology and Recent Advances

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 diagrams wherever necessary*

Essays:

(10x10=100)

1. What are the different types of isolation precautions recommended for preventing transmission of nosocomial infections.
2. Central line Associated Blood Stream Infection (CLABSI).
3. List the methods for Bacteriological analysis of drinking water.
4. Role of the microbiology laboratory in infectious disease surveillance.
5. Moments of hand hygiene and steps of hand washing.
6. List five live vaccines and its use.
7. Enumerate different hybridization techniques.
8. CBNAAT (cartridge based nucleic acid amplification test) in pulmonary tuberculosis: Principle, advantage and uses.
9. Animal inoculation methods.
10. Automated blood culture system: principle, advantage and uses.
