

QP Code: 202385

Reg. No.....

**Second Year M.Sc. MLT Degree Regular/Supplementary
Examinations July 2025**

(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. Emerging viral infections.
2. CBNAAT (Cartridge Based Nuclei Acid Amplification Test) – principle, advantages and uses in microbiology laboratory.
3. Central Line Associated Blood Stream Infections(CLABSI).
4. Use of laboratory animals in microbiology laboratory.
5. Briefly discuss about bacteriological analysis of drinking water.
6. Mention the moments and steps of hand washing (recommended by WHO (World Health Organization)).
7. Antimicrobial Stewardship programme.
8. What are the steps of biomedical waste management.
9. Recombinant DNA technology.
10. Name three live vaccines and briefly discuss on them.
