

QP Code: 202385

Reg. No.....

**Second Year M.Sc. MLT Degree Supplementary Examinations April
(November), 2020**

(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. Biomedical waste segregation and management.
2. Catheter-associated urinary tract infection (CAUTI).
3. Microbiological tests to identify bacterial contamination of Milk.
4. Spaulding classification for medical devices and levels of disinfection.
5. List the vaccines recommended for health care workers.
6. Briefly describe its principle and use of matrix assisted laser desorption ionization-time of flight mass spectrometry (MALDI-TOF) in clinical microbiology.
7. Food poisoning: Etiology and associated food products.
8. Quality control in antibiotic susceptibility testing.
9. Recombinant DNA techniques and its application.
10. Air sampling of operation theaters.
