

QP Code: 202385

Reg. No.....

**Second Year M.Sc. MLT Degree Regular/Supplementary
Examinations April 2021**

(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. Enumerate water borne diseases. Describe in detail the bacteriological examination of water.
2. Bacteriocin typing and its uses in epidemiology.
3. Biofilm formation and its importance in bacterial pathogenesis.
4. Multiplex polymerase chain reaction (Multiplex PCR).
5. Enumerate the killed vaccines. Describe in detail about any one of them.
6. Care, feeding and breeding of mice.
7. External quality assurance.
8. Hybridization techniques and its use in microbiology.
9. Laboratory diagnosis of urinary tract infection.
10. Re-emerging diseases.
