

QP Code: 202385

Reg. No.....

**Second Year M.Sc. MLT Degree Supplementary Examinations  
October 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 milk borne diseases. Describe in detail the bacteriological examination of milk.
2. Colicin typing and its uses in epidemiology.
3. Describe in detail the role of microbiology laboratory in prevention of hospital acquired infections.
4. Nested Polymerase Chain Reaction (nested PCR).
5. Enumerate the subunit vaccines. Describe in detail about any one of them.
6. Care, feeding and breeding of guinea pig.
7. Investigation of food poisoning.
8. Importance of molecular methods in epidemiology of diseases.
9. Microbial biofilms and its significance.
10. Genetically modified microorganism.

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