

QP Code: 104385

Reg. No.....

**First Year M.Sc. MLT Degree Regular/Supplementary Examinations
October 2023
(Microbiology)
Paper IV - Immunology**

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 table/diagrams/flow charts wherever necessary*

Essays:

(10x10=100)

1. Define and classify immunity. Describe innate immunity in detail.
2. Anaphylaxis
3. Immunofluorescence
4. Immunoglobulins
5. Subunit vaccine
6. Cytokines
7. Secondary immune response
8. Hybridoma technique
9. Biological effects of complement
10. Primary lymphoid organs.
