

QP Code: 104385

Reg. No.....

**First Year M.Sc. MLT Degree Regular/Supplementary Examinations**  
**August 2024**  
**(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. Classify antigen-antibody reactions. Write in detail about agglutination reaction
2. Type I hypersensitivity
3. Human Leucocyte Antigen (HLA)
4. Monoclonal antibodies
5. Polysaccharide vaccine
6. Interferons
7. Central lymphoid organs
8. Graft versus host reaction
9. Immunological tolerance
10. Immunodeficiency diseases

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