

QP Code : 104385

Reg . No.....

**First Year M.Sc. MLT Degree Examinations – September 2016  
(Microbiology)**

PAPER – IV IMMUNOLOGY

**Time : 3 hrs.**

**Max. marks : 100**

- *Answer all questions*
- *Draw diagrams wherever necessary*

**Essays:**

**(10x10 = 100)**

1. Define and classify immunity. Discuss about acquired immunity in detail
2. HLA typing methods.
3. Structure and properties of immunoglobulin.
4. Define precipitation reaction. Describe its mechanism and its application.
5. Explain in detail of allograft rejection and graft versus host reaction.
6. Immuno modulating agents
7. Difference between T lymphocytes and B lymphocytes.
8. Type III hypersensitivity .
9. Primary lymphoid organs.
10. Auto immunity.

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