

**QP Code : 104385**

**Reg . No.....**

**First Year M.Sc. MLT Degree Supplementary Examinations – May 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. Explain in detail about innate immunity
2. Tumour immunity
3. List antigen - antibody reaction . Explain in detail about ELISA.
4. Discuss about immuno-blotting techniques.
5. Describe the classical pathway of complement.
6. Explain the structure and function of MHC (Major Histocompatibility Complex).
7. Autoimmune diseases
8. Mechanism and function of flow cytometry.
9. Anaphylaxis.
10. Define vaccines. Explain the different types of vaccines with examples.

\*\*\*\*\*