

QP Code : 104385

Reg . No.....

**First Year M.Sc. MLT Degree Examinations – January 2014
(Microbiology)**

PAPER – IV IMMUNOLOGY

Time : 3 hrs.

Max. marks : 100

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

Essays:

(10x10 = 100)

1. Innate immunity.
2. HLA typing.
3. Immunological surveillance.
4. Null cells.
5. ELISA and its applications in microbiology.
6. Biological effects of complement.
7. Type I hypersensitivity.
8. Determinants of antigenicity.
9. Interleukin-I.
10. IgM-structure and function.
