

QP Code: 104385

Reg. No.....

First Year M.Sc. MLT Degree Examinations November 2018

(Microbiology)

Paper IV - Immunology

Time: 3 hrs.

Max. marks: 100

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

Essays:

(10x10=100)

1. Flow cytometry
2. Immunological tolerance and clinical applications
3. Super antigens
4. Polysaccharide vaccine
5. Immunofluorescence
6. Heterophile antibodies in diagnostic microbiology
7. Null cells and immunological functions
8. Mechanisms of auto immune diseases
9. HLA typing
10. Adjuvants
