

**C 44088**

(Pages : 2)

Name.....

Reg. No.....

**SECOND SEMESTER M.Sc. DEGREE EXAMINATION, AUGUST 2013**

(CUCSS)

Microbiology

MB 2C 06—IMMUNOLOGY

(2010 Admissions)

Time : Three Hours

Maximum : 36 Weightage

**Section A**

*Answer **all** questions in 2 **or** 3 sentences each.  
Each question carries weightge 1.*

1. Local immunity.
2. Plasma cells.
3. IgE.
4. MALT.
5. Antigen presenting cells.
6. Immunological memory.
7. Indirect immuno fluorescence.
8. HAT medium.
9. Immunological tolerance.
10. LE cells.
11. Type **II** hypersensitivity.
12. Bombay blood group.
13. Radioallergosorbent test.
14. Immunoglobulin super family.

(14 x 1 = 14 weightage)

**Section B**

*Write short notes on any **seven**.  
Each question carries weightage 2.*

Structure of IgA.

id. Thymus.

17. Cytokines.

**Turn over**

18. Major histocompatibility complex.
19. ELISA.
20. Hybridoma technology.
- 21 Rh incompatibility.
22. Factors determining allograft survival.
23. Immunodeficiency diseases.

(7 x 2 = 14 weightage)

### Section C

*Write essay on any two questions.  
Each question carries weightge of 4.*

24. Structure of IgG.
25. B-cells-structure, function and development.
26. Autoimmune diseases.

(2 x 4 = 8 weightage)