

**C 48356**

**(Pages 2)**

**Name.....**

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

**SECOND SEMESTER M.Sc. DEGREE EXAMINATION, AUGUST 2008**

Microbiology

**MB.2 2T—IMMUNOLOGY**

(2005 admissions)

Time : Three Hours

Maximum :80 Marks

**Section A**

*Write about/ Answer **all** the questions each in 2 **or** 3 sentences.*

*Each question carries 2 **marks**.*

1. **Prozone** phenomenon.
2. **Electroimmuno** diffusion.
3. Capture **ELISA**.
4. Macrophages.
5. **MHC** restriction.
6. Super antigens.
7. Transfer factor.
8. **Digeorge's** syndrome.
9. **Arthus** reaction.
10. Delayed hypersensitivity.
11. Sequestered antigens.
12. **Phacoanaphylaxis**.
13. Mixed lymphocyte reaction.
14. **NK** cells.
15. Direct **coombs** tests.
16. Reverse passive agglutination.
17. Double diffusion in two dimensions.
18. T-independent antigens.
19. Immunological tolerance.
20. Bombay blood group.

(20 x 2 = 40 marks)

**Turn over**

**Section B**

*Write notes on / Discuss any **five** of the following.  
Each question carries 8 marks,*

21. Genetic basis of antibody diversity.
22. IgG.
23. Thymus.
24. T-lymphocytes.
25. Agglutination reactions.
26. Anaphylaxis.
27. Rh incompatibility.

a

**(5 x 8 = 40 marks)**