

C 28414

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Name.....

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

SECOND SEMESTER M.Sc. DEGREE EXAMINATION, JULY 2012

(CUCSS)

Microbiology

MB 2 C 06—IMMUNOLOGY

Time : Three Hours

Maximum : 36 Weightage

Section A

*Answer **all** in 2 or 3 sentences.*

1. T-Lymphocyte.
2. MHC restriction.
3. Plasma cell.
4. Isotypic determinants of Immunoglobulins.
5. Gel precipitation.
6. Reverse passive agglutination.
7. Monoclonal antibodies.
8. Immunological memory.
9. Ig E.
10. Antigen presentation.
11. Rh antigen.
12. Dendritic cells.
13. T-dependant antigen.
14. Thymus.

(14 x 1 = 14 weightage)

Section B

*Write short notes on any **seven** questions.*

15. Serum sickness.
16. Complement.
17. .
18. ^x Lymph node.
19. Anaphylaxis.

Turn over

20. Rheumatoid arthritis.
21. Tumor immunity.
22. GVH reaction.
23. Immunological tolerance.

(7 x 2 = 14 weightage)

Section C

Discuss in detail about any two questions.

24. Antibody mediated immune response.
25. Hybridoma technique.
26. Immunodeficiency diseases.
27. Structure of Immunoglobulins.

(4 x 2 = 8 weightage)