

C 17226

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Name.....

Reg. No.....

SECOND SEMESTER M.Sc. DEGREE EXAMINATION, JULY 2011

(CSS)

Microbiology

MB 2C 06—IMMUNOLOGY

(2010 Admissions)

Time : Three Hours

Maximum Weightage : 36 Marks

Section A

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

1. Spleen.
2. Rheumatoid factor.
3. Lymphokines.
4. Complement.
5. Mast cells.
6. T-dependant antigens.
7. Coomb's serum.
8. Isotypes of immunoglobulins.
9. Self Antigen.
10. Agglutination.
11. Hybridoma.
12. B cells.
13. ELISA
14. HLA.

(14 x 1 = 14)

Section B

*Write short notes on any seven questions.
Each has Weightage 2.*

15. Autoimmune diseases.
16. Maturation of T lymphocytes.
17. Applications of precipitation reactions.
18. Rh incompatibility.

Turn over

19. Structure of IgG.
20. Immunodeficiency diseases.
21. Type I hypersensitivity.
22. GVH reaction.
23. Monoclonal Antibodies.
24. Humoral Immune response.

(7 x 2 = 14)

Section C

*Write essays on any **two** questions.
Each has weightage of 4.*

25. Cells involved in immunity.
26. ELISA.
27. Complement pathways.

(2 x 4