

C 17492

(Pages : 2)

Name

Reg. No.

**SECOND SEMESTER M.Sc. DEGREE EXAMINATION
JULY 2011**

Microbiology

MB2 2T – IMMUNOLOGY

(2005 Admissions)

Maximum : 80 Marks

Time : Three Hours

Section A

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

Each question carries 2 marks.

1. Fluorescent antibody technique.
2. Radio **immuno** assay.
3. Null cells.
4. **Allotypic** determinants.
5. Complement.
6. Primary immune response.
7. Drug induced anaemia.
8. Indirect **Coomb's** test.
9. **Ig G**.
10. **Immuno** suppression.
11. **Dendritic** cells.
12. Agglutination inhibition.
13. Rocket **immunoelectrophoresis**.
14. **Anaphylatoxins**.
15. Lymphocytes.
16. Alveolar macrophages.
17. **Amboceptor**.
18. Natural killer cells.
19. **Elek's** test.
20. **ELISA**.

(20 x 2 = 40 marks)

Turn over

Section B

*Discuss any **five** questions.*

Each question carries 8 marks.

21. **I**mmuno deficiency diseases.
22. Cell mediated immunity.
23. Type **I** Hypersensitivity.
24. Structure of lymphoid organs.
25. Clinical applications of antigen antibody reactions.
26. Cells of immune system.
27. Systemic **Autoimmune** diseases.

(5 x 8 = 40 marks)