



LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034

M.Sc. DEGREE EXAMINATION – MEDICAL LAB TECHNOLOGY

SECOND SEMESTER – APRIL 2016

ML 2815 / ML 2811 - IMMUNOLOGY

Date: 25-04-2016
Time: 01:00-04:00

Dept. No.

Max. : 100 Marks

Answer ALL the questions

PART A

10 x 2 = 20 Marks

1. What is precipitation?
2. Define avidity.
3. What is nude mouse?
4. Mention the use of ELISPOT assay.
5. Expand: MALT, GALT, CALT, MHC.
6. Define haptens.
7. Comment on immunoelectron microscope.
8. What are mast cells?
9. Define idiotypes.
10. What is virulence?

Answer any FOUR of the following

PART B

4 x 10 = 40 Marks

11. Write briefly on tumor immunology.
12. Describe the components of complement system.
13. Give a brief account on immunodiffusion.
14. Elaborate organ specific autoimmune diseases.
15. Comment on adaptive immunity.
16. Write briefly on western blotting technique.

Answer any TWO of the following

PART C

2 x 20 = 40 Marks

17. Give an account on hypersensitivity.
18. Explain the structure and functions of lymphoid organs.
19. Give a detailed account on vaccination schedule in children.
20. Explain the hybridoma technology.
