



LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034

M.Sc. DEGREE EXAMINATION – MEDICAL LAB TECHNOLOGY

SECOND SEMESTER – APRIL 2016

ML 2814 - MEDICAL MICROBIOLOGY

Date: 22-04-2016

Dept. No.

Max. : 100 Marks

Time: 01:00-04:00

Answer ALL the questions

PART A

10 x 2 = 20 Marks

1. Write the contribution of Robert Koch.
2. Name any four gram positive bacterial pathogens.
3. What are the oncogenic viruses?
4. Write the function of spores and inclusion bodies.
5. Define opportunistic fungi.
6. Write notes on the clinical condition caused by clostridium.
7. Give examples of Blood parasites.
8. Comment on antifungal agents.
9. What are the two specific features of Ascaris?
10. Write the types of bacteriophages.

Answer any FOUR of the following

PART B

4 x 10 = 40 Marks

11. Explain the structure and function of eukaryotic cell.
12. Discuss the clinical condition caused by *Vibrios*.
13. Elaborate on picorna viruses.
14. Write an account on yeasts of medical importance.
15. Describe the biochemical characterisation of bacteria.
16. Elaborate on diagnosis of protozoan infection.

Answer any TWO of the following

PART C

2 x 20 = 40 Marks

17. Describe the historical landmark achievements in the field of medical microbiology.
18. Elaborate on methods of virus cultivation.
19. Write an account on classification of human helminthic parasites.
20. Explain the diseases associated with Enterobacteriaceae.
