



LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034

M.Sc. DEGREE EXAMINATION – MEDICAL LAB TECHNOLOGY

SECOND SEMESTER – APRIL 2016

ML 2810 – HUMAN PATHOGENS

Date: 16-04-2016

Dept. No.

Max. : 100 Marks

Time: 01:00-04:00

PART A

(10 x 2 = 20 Marks)

Answer ALL the questions

1. Draw a neat labelled diagram of cell.
2. Write the important features of gram positive pathogens.
3. What are the bacteriophage?
4. Name any two important human viruses.
5. Define dermatophytic fungi.
6. Write notes on the clinical condition of eumycotic mycetoma.
7. What are the stages in life cycle of *Entamoeba*?
8. Mention the identification features of *Giardia*.
9. Define vector.
10. Comment on *Ascaris* infection.

Answer any FOUR of the following

PART B

(4 x 10 = 40 Marks)

11. Explain the pathogenesis of *Mycobacterium* spp.
12. Discuss the diseases caused by *Spirochaetae*.
13. Elaborate on host bacteriophage interaction.
14. Write an account on types of fungal diseases.
15. Describe clinical conditions associated with Toxoplasmosis.
16. Elaborate on modes of disease transmission.

Answer any TWO of the following

PART C

(2 x 20 = 40 Marks)

17. Explain the disease caused by pathogen belonging to *Corynebacterium*.
18. Elaborate on diatomaceous fungi agents of Zygomycosis.
19. Write a detailed account on any one protozoan disease.
20. Discuss the diseases associated with *Taenia* and *Wuchereria*.

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