



**LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034**

**M.Sc. DEGREE EXAMINATION - MEDICAL LAB. TECHNOLOGY**

**SECOND SEMESTER – APRIL 2013**

**ML 2956 - COMMUNITY MEDICINE AND EPIDEMIOLOGY**

Date : 02/05/2013  
Time : 9:00 - 12:00

Dept. No.

Max. : 100 Marks

**PART A**

Answer **ALL** the Questions

(2×10 = 20 Marks)

1. What are the two broad types of epidemiology?
2. List down the various steps involved in the investigation of an epidemic.
3. When is water considered to be wholesome?
4. Define eugenics.
5. What is carpal tunnel syndrome?
6. What are the essential components of RCH programme?
7. What is APHA ?
8. List down the artificial methods of family planning.
9. What are the cardiovascular effects of noise pollution?
10. Differentiate molecular chromosomal genetic tests.

**PART B**

Answer any **FOUR** of the following

(10×4 = 40 Marks)

11. Explain the activities related to characterizing the distribution of diseases within a population.
12. Write notes on the filtration of water and types of filters used.
13. What are the different bacteriological techniques for the examination of water?
14. Explain the different types of genetic testing and add a note on its advantages and disadvantages.
15. Elaborate the services of Integrated Child Development Service (ICDS) Scheme
16. Evaluate the Code of ethics to be followed in health education.

**PART C**

Answer any **TWO** of the following

(20×2 = 40 Marks)

17. Discuss the pathogenic microorganisms transmitted through water.
18. Describe the different air pollutants, their source and health effects.
19. Explain the different structural chromosomal abnormalities.
20. What is integrated management of Neonatal and childhood illness? Explain.

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