



UNIVERSITY OF JAFFNA, SRI LANKA
BACHELOR OF SCIENCE IN MEDICAL LABORATORY SCIENCES
FOURTH YEAR SECOND SEMESTER EXAMINATION- AUGUST 2017

MLSEP 4204 EPIDEMIOLOGY

DATE: 19.08.2017

TIME: 1 Hour

ANSWER ALL FOUR QUESTIONS

Each question carries 100 marks. Marks for each part is given within brackets

1.
 - 1.1.Explain “Health” and “Disease”. (20 Marks)
 - 1.2.Explain communicable and non- communicable diseases. (30 Marks)
 - 1.3.Explain and discuss the methods of prevention and control of diseases. (50 Marks)
2.
 - 2.1.Explain the tools used in measurement of disease frequency. (20 Marks)
 - 2.2.Describe incidence and prevalence. (20 Marks)
 - 2.3. Explain the meaning and causes of infant mortality in Sri Lanka. (30 Marks)
 - 2.4. List the causes of maternal mortality. (30 Marks)
3.
 - 3.1.Describe giving examples the stages in an epidemiological research. (60 Marks)
 - 3.2.After completion of a research study what further action will you take? (40 Marks)
4. Write short notes on
 - 4.1. Perinatal mortality (25 Marks)
 - 4.2. Notifiable disease (25 Marks)
 - 4.3. Control of dengue fever (25 Marks)
 - 4.4. Agents of disease (25 Marks)