



UNIVERSITY OF JAFFNA, SRI LANKA
FACULTY OF ALLIED HEALTH SCIENCES
FOURTH YEAR SECOND SEMESTER EXAMINATION IN BScHons (MLS)- 2020

MLSEP 4241 EPIDEMIOLOGY

Date: 23.09.2022

Time: 1 Hour

ANSWER ALL FOUR QUESTIONS.

1.
 - 1.1 Define the following terms (30 marks)
 - 1.1.1 Eradication
 - 1.1.2 Elimination
 - 1.2 List three (03) diseases that have been eliminated in Sri Lanka. (20 marks)
 - 1.3 Briefly describe the laboratory's role in polio eradication (50 marks)

2. Diabetes mellitus is a major cause of morbidity and mortality in Sri Lanka.
 - 2.1 Define the term surveillance. (20 marks)
 - 2.2 List four (04) data sources that could be used in the passive surveillance of diabetes-related morbidity and mortality in Sri Lanka. (20 marks)
 - 2.3 List four (04) features of an ideal health information system for the surveillance of diabetes mellitus. (20 marks)
 - 2.4 Discuss the role of laboratory surveillance in relation to the surveillance of diabetes mellitus. (40 marks)

3.
 - 3.1 Explain the purpose of the *Notification of a Communicable Disease Form* (H-544). (30 marks)
 - 3.2 List four (04) institutions that play a role in passive surveillance of communicable diseases in Sri Lanka. (20 marks)
 - 3.3 List two (02) strengths and two (02) weaknesses of the surveillance system that is in place to track dysentery in Sri Lanka. (20 marks)
 - 3.4 Discuss the possible consequences of designating HIV/AIDS a notifiable disease. (30 marks)

4. Write short notes on
 - 4.1 Laboratory's role in outbreak investigation (50 marks)
 - 4.2 Dengue control (50 marks)