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**UNIVERSITY OF JAFFNA, SRI LANKA**  
**SECOND EXAMINATION FOR MEDICAL DEGREES**  
**Part 2 (2<sup>nd</sup>) 2015/2016 (39<sup>th</sup> Batch)**  
**Community and Family Medicine-Paper II**

**Date: 14.12.2021**  
**Answer all six (06) questions**

**9 am. To 12 noon. (3 hours)**

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**Answer each question in a separate answer book**

01. Lifestyle modification is a key component in the management of non-communicable diseases. However, patients' compliance to the lifestyle modification advices is not satisfactory.

1.1. List three (3) advices for lifestyle modification (15 marks)

1.2. List five (5) reasons for the poor compliance (25 marks)

1.3. Discuss the ways of improving patients' compliance in a primary care setup. (60 marks)

02.

2.1 Explain the term "occupational hazard." (10 marks)

2.2 List two (2) types of occupational hazards for a person working in a garment factory, and give one (1) example of each. (20 marks)

2.3 Briefly describe the Public Health Inspector's (PHI) duties in relation to occupational health. (30 marks)

2.4 Discuss the ideal features of a surveillance system for occupational injuries. (40 marks)

03.

3.1 Define the term 'maternal mortality'. (15 Marks)

3.2 List five (5) leading causes of maternal mortality in Sri Lanka. (15 Marks)

3.3 Briefly describe the activities carried out in ante natal clinics (ANC) to control one of the causes mentioned in 3.2. (30 Marks)

3.4 Discuss the role of community empowerment groups in relation to reduction of maternal mortality in Sri Lanka. (40 Marks)

04. Briefly explain the following.

- 4.1 Normal distribution curve (20 Marks)
- 4.2 Simple random sampling (20 Marks)
- 4.3 Chi square test (20 Marks)
- 4.4 Confidence interval (20 Marks)
- 4.5 Histograms (20 Marks)

05. The Cancer and Steroid Hormone (CASH) study, in which women with breast cancer and a comparable group of women without breast cancer were asked about their prior use of combined oral contraceptives.

- 5.1 Name the study design used in the study (10 marks)
- 5.2 List the advantages and disadvantages of the study design mentioned in 5.1 (30 marks)
- 5.3 Outline the steps to carry out the study in a hospital (30 marks)
- 5.4 List the services available to control the breast cancer in Sri Lanka (30 marks)

06. Write short notes on

- 6.1 Person oriented medical records (POMR) (25 marks)
- 6.2 Cold chain (25 marks)
- 6.3 Growth monitoring practices (25 marks)
- 6.4 Activities of Daily Living (25 marks)

