

UNIVERSITY OF JAFFNA, SRI LANKA
SECOND EXAMINATION FOR MEDICAL DEGREES PART II (2ND) –JUNE 2010

COMMUNITY MEDICINE Paper II

Date: 28.06.2010.

Time: 03 hours

ANSWER ALL SIX QUESTIONS

1. A study was carried out among 100 boys in a school. The mean systolic pressure was 106.7 mm Hg and the standard deviation was 14.5 mm Hg.
 - 1.1. Calculate the 95% confidence interval. (40 Marks)
 - 1.2. Explain the following terms:
 - 1.2.1. Mean (20 Marks)
 - 1.2.2. Normal curve (20 Marks)
 - 1.2.3. Standard deviation (20 Marks)

2.
 - 2.1. Describe the different levels of prevention. (40 Marks)
 - 2.2. Explain the different levels of prevention that could be undertaken in order to prevent the occurrence of “stroke” in Sri Lanka. (60 Marks)

3.
 - 3.1. Describe the methods you would carryout to identify the common nutritional problems among school children. (70 Marks)
 - 3.2. Describe the Vitamin A supplementation program in Sri Lanka. (30 Marks)

4.
 - 4.1. What is a “Child Health Development Record” (CHDR)? (10 Marks)
 - 4.2. Describe the uses of CHDR. (40 Marks)
 - 4.3. As a house officer in the maternity ward, what entries will you check for in the CHDR on discharge. (50 Marks)

5. 5.1. A district in Sri Lanka reported 4000 cases of Dengue fever with 50 deaths.
- 5.1.1. Calculate the Case Fatality Rate (CFR). (10 Marks)
- 5.1.2. Explain the usefulness of CFR in health management. (20 Marks)
- 5.1.3. List the factors that can affect the CFR (20 Marks)
- 5.2. Explain,
- 5.2.1. Cross sectional study. (25 Marks)
- 5.2.2. Double burden of disease. (25 Marks)
6. Write short notes on:
- 6.1. Barrier contraceptives. (25 Marks)
- 6.2. "Safe motherhood" (25 Marks)
- 6.3. Sewage treatment (25 Marks)
- 6.4. Person to person communication in health education (25 Marks)