

UNIVERSITY OF RUHUNA
FACULTY OF MEDICINE



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THIRD EXAMINATION FOR MEDICAL DEGREES PART II, 30th JULY 2007
COMMUNITY MEDICINE PAPER I

ALL FIVE questions

each part in a SEPARATE book

Duration: Three Hours

Part A

1.1 A 35 years old mother delivered her 5th baby at home and developed postpartum haemorrhage. She was admitted to a local district hospital after 8 hours of delivery. The DMO transferred the patient to Teaching Hospital, Mahamodara without any intervention. The mother died on the way to the teaching hospital.

Discuss the health system failures in this scenario highlighting the shortcomings of effective antenatal care and different delays that led to the death of the mother.

(50 marks)

1.2 If you are a MOH in a Health Unit Area, describe the steps that you would take to reduce anaemia among pregnant mothers attending your antenatal clinic considering the National Strategies to combat anaemia.

(50 marks)

Part B

2.2.1 If you are asked to make a presentation on water pollution at your clerkship seminar:

2.2.1.1 What information would you include in it?

(35 marks)

2.2.1.2 Explain how water is purified in a mass scale?

(15 marks)

2.2 Doctor Fernando is a Family Physician working at Koggala close to the Free Trade Zone. Factory workers frequently visit him for different ailments.

Discuss the role of Doctor Fernando in the prevention of occupational health hazards in these factory workers.

(50 marks)

Part C

3. 3.1 An exhibition which is expected to be attended by large crowds every day will be held for 10 days in a town in the Southern Province. As the Medical Officer of Health of the area, discuss the steps you should take to provide proper sanitation during and immediately after the exhibition, in the exhibition ground and the surrounding area.

(50 marks)

3.2 3.2.1 Describe the features of an age pyramid.

(25 marks)

3.2.2 Explain the differences between age pyramids of developed and developing countries.

(25 marks)