

UNIVERSITY OF CAPE TOWN
STELLENBOSCH UNIVERSITY

MMed Emergency Medicine
Final examination

MPhil Emergency Medicine
Written examination

24 August 2007

Management long answer paper

1300 - 1600

This paper consists of **FOUR** long answer questions. All questions are to be answered. Each question is worth 100 marks.

Answer each question in a separate answer book.

1. You have recently been appointed as the Head of the Emergency Department of a 300 bed hospital. The hospital offers all the major specialities, and runs a busy outpatient department.

You have been requested to draw up a Disaster Plan for this hospital. The purpose of the plan is to provide a policy for response to both internal and external disaster situations that may affect the hospital.

Outline the essential components of the Disaster Plan as well as the strategy you would use to communicate and validate the plan.

[100]

2. Discuss the factors that contribute to Emergency Department overcrowding, and propose solutions to these problems.

[100]

3. You are newly appointed as a consultant in Emergency Medicine, and the Medical Superintendent of the hospital informs you that you can have a new Emergency Department built.

Detail how you would design a functional ED to treat 150 patients each day. Include details of the key areas of the ED, relationships between different parts of the ED, patient flow and access to key areas within the hospital. Drawings and flowcharts may be included in your answer.

[100]

4. You are an Emergency Physician in a busy city hospital. You have agreed to advise the local ambulance service on Quality Management.

The first problem they want help with relates to response time: despite an increase in ambulances and staff, they still only achieve a 15 minute response time in 25% of their priority one calls; they achieve a 40 minute response time in 85% of priority 2 calls.

What general and medical factors may contribute to the poor response times? How may these be overcome?

[100]