

UNIVERSITY OF CAPE TOWN
STELLENBOSCH UNIVERSITY
Faculty of Health Sciences

MMed Emergency Medicine
Final examination

MPhil Emergency Medicine
Written examination

19 March 2008

Clinical short answer paper 1

0900 - 1200

**NO CALCULATORS AND/OR
ELECTRONIC EQUIPMENT/AID WILL BE ALLOWED**

This paper consists of **FIFTEEN** short answer questions. All questions are to be answered. Each question is worth 10 marks.

Answer questions in the following books:

Question	Book
1-4	1
5-7	2
8-9	3
10-12	4
13-15	5

If you need to continue an answer in an extra book, do not mix answers in one book other than as detailed above.

1.
Write short notes on scoring systems in trauma
2.
Write short notes on the systemic complications of crush injury
3.
In a table, indicate the differences between clinical grades of Pelvic Inflammatory Disease. Include the management of each grade (antibiotic choice and disposition).
4.
A woman presents to your emergency centre in advanced labour. On examination, a prolapsed cord is felt. The low lying foetal head is pressing down on the cord.
Outline your immediate management, and considerations for delivery.
5.
Tabulate the differential diagnosis of an acutely red, painful, swollen scrotum. Include in your answer details of how to distinguish between the potential causes.
6.
Write short notes on mandibular fractures.
7.
Write short notes on Botulism.
8.
Write short notes on complications of, and reaction to, blood transfusion.
9.
Write short notes on theophylline poisoning.
10.
Describe the typical picture of uncomplicated appendicitis as it presents in a young adult male. List special examinations which are helpful in confirming the diagnosis, and list the specificity of each.
11.
List the differential diagnosis *in order of likelihood* in a case presenting to your emergency centre with acute haematemesis. Discuss briefly the work-up required.
12.
Tabulate the common complications of the placement of intercostal drains; list the management of each as a separate column.

13.

To determine brainstem death in a potential organ donor, the Apnoea Test is the last of the tests that need to be performed. Describe this procedure under the headings:

- requirements
- method
- interpretation

14.

A nursing sister is currently working in the administration department of the hospital because she has formally been diagnosed as Latex allergic. She is brought to the emergency centre complaining of itchiness and distressing shortness of breath.

How would you modify your management of an allergic/anaphylactic reaction in this case?

15.

A 27 year old woman has been on first line ARVs (3TC(Lamivudine), d4T(Stavudine), and Efavirenz (Stocrin)) for 2 years. She presents to emergency centre after having taking an overdose of her month's supply of medication; she recently found out that she is 8 weeks pregnant.

What signs and symptoms would you expect, and how would you manage this patient?