

UNIVERSITY OF CAPE TOWN
STELLENBOSCH UNIVERSITY

MMed Emergency Medicine
Primary examination

24 August 2007

Pathology and Pharmacology short answer paper

0900 – 1200

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

Answer questions in the following books:

Question	Book
1	1
2	2
3	3
4	4
5	5
6-8	6
9-10	7

PATHOLOGY

1. Write short notes on the role of immune-compromise in the development of Pulmonary Tuberculosis.
2. Discuss the pathophysiological and microbiological characteristics of infection with Escherichia coli.
3. Write short notes on the pathophysiology of Diabetic Ketoacidosis.
4. Discuss the pathophysiology of re-perfusion injury.
5. Describe the pathophysiological basis for Jaundice.

PHARMACOLOGY

6. Write short notes on suxamethonium hydrochloride.
7. Write short notes on the Emergency Department use of Metoclopramide.
8. Discuss the use of Flumazenil in the Emergency Department.
9. Discuss Atropine in the emergency patient.
9. Discuss the use of Magnesium Sulphate in emergency care.