



HONG KONG COLLEGE OF ANAESTHESIOLOGISTS

DIPLOMA OF FELLOWSHIP

FINAL FELLOWSHIP (INTENSIVE CARE)

LONG ANSWER PAPER

2 Questions

MONDAY, 17th OCTOBER, 2005

1:00 pm - 3:00 pm

NOTICE

- (A) Write your answers to the two questions in separate books.
- (B) Read the questions carefully, and in view of the time available, balance your answers to encompass points of great importance without going into needless detail.
- (C) Record your number on the cover of each book and hand in all books.

QUESTION ONE

A 20 year old soldier is admitted after a training accident involving a bomb blast inside an enclosed space. He is confused and complains of blurred vision, ringing ears and chest pain.

Discuss what injuries you expect in this patient.

Discuss the management of this patient in the first 24 hours.

QUESTION TWO

A 60 year old man with peritonitis from a perforated colonic diverticulum develops septic shock, disseminated intravascular coagulation, and acute renal failure.

1. Discuss your indications for renal replacement therapy. What is meant by the term 'blood purification'?

The patient is commenced on CVVH.

2. Discuss your anticoagulation strategy for CVVH in this patient.
3. How would you decide on the replacement fluid anion for this patient?

After about 3 hours on CVVH the nurses inform you that 'the filter is starting to clot'.

4. Describe your approach to this problem.