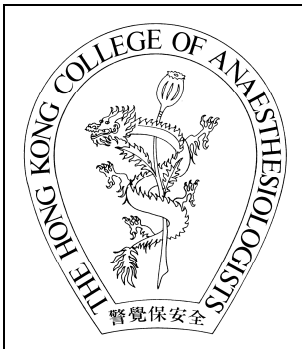


HONG KONG COLLEGE OF ANAESTHESIOLOGISTS



DIPLOMA OF FELLOWSHIP

FINAL FELLOWSHIP (INTENSIVE CARE) SHORT ANSWER PAPER

15 Questions

APRIL 2008

9.00 am - 11:30 am

NOTICE

- (A) Write your answers in the books provided.
- (B) Start **each answer** on a **new page** and **indicate the question number**. It is not necessary to rewrite the question in your answer book.
- (C) You should answer each question in **ten minutes** or less.
- (D) The questions are worth equal marks.
- (E) Record your number on the cover of each book and hand in all books.

ANSWER THE FOLLOWING

1. Describe the causes of hypoxaemia in ICU patients.
2. List the causes of diarrhea in ICU patients, and describe how you would diagnose the cause in a particular patient.
3. Describe the clinical presentation of a patient with 'thyroid storm' and list the causes and differential diagnoses.
4. A patient you are caring for in a peripheral hospital has a cervical spine fracture with tetraplegia from a diving accident. Describe your preparation to escort this patient to a larger hospital via ambulance.
5. Describe the clinical presentation and acute management of severe paracetamol poisoning.
6. A 40 year old female was admitted to a general ward with vomiting and vague chest pain. She has a witnessed cardiac arrest, and the initial ECG rhythm is a sinus tachycardia of 130/min. Describe your resuscitation and acute investigation of the cause of this arrest with pulseless electrical activity.

7. Describe the post-operative complications of oesophagectomy.
8. What do you believe to be the indications for therapeutic hypothermia in ICU?
What are the various means to achieve hypothermia in ICU?
9. What antibiotics may be used to treat methicillin resistant *Staph aureus* (MRSA),
and what are their side-effects?
10. Define acute coronary syndrome (ACS) and describe the diagnosis of ACS in
ICU?
11. What are the risk factors for acute renal impairment due to radiological contrast
and what could be done to ameliorate this risk?
12. You are called to resuscitate a patient with newly diagnosed pre-eclampsia who
is now suffering grand mal seizures. Describe your acute management.
13. Write a brief explanation of brain death for publication in a newspaper. It should
be 3-4 paragraphs long, factually correct, but able to be understood by a layman.
14. List and briefly describe antifungal agents that may be used in the treatment of
Aspergillus infections.
15. Describe briefly the treatment of acute variceal haemorrhage.

End