

POSTGRADUATE INSTITUTE OF MEDICINE
UNIVERSITY OF COLOMBO

MD (ANAESTHESIOLOGY) PART IA EXAMINATION
NOVEMBER 2011

Date : 14th November 2011

Time : 1.00 p.m. - 4.00 p.m.

Answer six questions only.
Each question should be answered in a separate book.

1. Outline the advantages and limitations of the use of following equipment during anaesthesia.
 - 1.1. Capnograph
 - 1.2. Laryngeal Mask Airway

2. An 18 year old Down's syndrome patient presents for multiple dental extractions under general anaesthesia.
Outline your perioperative management.

3. A 26 year old ASA I primigravida underwent an elective LSCS under subarachnoid block. 24 hours later she developed a severe headache.
 - 3.1. List the possible causes for headache.
 - 3.2. Briefly outline the management of each one of them.

4. A 4 year old child weighing 15 kg presents for squint surgery under GA.
Outline your perioperative management.

5.
 - 5.1. Enumerate the possible causes of restlessness in an ASA I patient in the post anaesthetic care unit (recovery area).
 - 5.2. Outline the features which would help to differentiate these causes.

6. Write short notes on the advantages and disadvantages of
 - 6.1. Etomidate over Thiopentone Sodium
 - 6.2. Sevoflurane over Halothane
 - 6.3. Phenylephrine over Ephedrine

7. A 30 year old previously healthy lady with an ovarian malignancy and Severe ascites needs a laparotomy under GA. Describe your anaesthetic Management.

8. A 24 year old lady with a POA of 30 weeks following a road traffic accident has been diagnosed to have a fracture of the left femur and is awaiting surgery for fixation.
 - 8.1. Outline the problems you anticipate in anaesthetizing this patient.
 - 8.2. Indicate your choice of anaesthesia, stating the reasons.