SAMPLE EDAIC-2 VIVA EXAM (2)

Table 1

Opening question: You are given 10 minutes to understand the opening question, formulate an answer, make appropriate notes/ points, make diagrams/ flowchart where necessary.

Question: CO_2 transport in the blood.

Examiner 1:

• Can u answer the given question for me? Can you draw CO_2-Hb dissociation curve?

Progresses to ask about

- Hypercapnia and compensatory mechanisms

Examiner 2:

- Fick's principal. How to calculate CO using Fick's principal?
- What are the oxygen delivery fail-safe mechanics on the anaesthesia machine?

Table 2:

Opening question: What is compartmental model used for pharmacokinetic studies? Draw a three-compartment model to explain the concept.

Examiner 1:

- Can you answer the question for me, please? And progresses to ask about drugs following the model and clinical implications
- Effect of ageing process on drug pharmacokinetics and dynamics
- What is osmoregulation? FLUID DISTRIBUTION IN BODY. HOW WOULD 1 L SALINE INFUSION DISTRIBUTE ITSELF IN THE BODY

Examiner 2:

- Can you draw a normal TEG? What happens during fibrinolysis. Can u label the graph?
- What is a cardiac cycle.

LUNCH BREAK

Table 3:

Opening question: You are posted in the OR for elective C-section under GA. After giving induction agent, the patient becomes apnoeic. Despite optimal positioning, you are unable to ventilate the patient. How would you proceed?
Examiner 1:

- How would you deal with this situation? Is there any relationship between difficult airway and obstetrics?
- How will plan anaesthesia for long bone fracture in renal failure patient?

Examiner 2:

- Can u name some unilateral blocks? What are the landmarks and nerves we block?
- Awake FOB. How to maintain oxygenation?
- IVRA

Table 4:

Opening question: Management of STATUS ASTMATICUS patient in ICU.
Examiner 1: I hope you are ready with your answer, shall we proceed? Then, progresses to

- Ask details of pharmacological management of status.
- PE
- TBI and management goals

Examiner 2:

- Shows a BIS reading on monitor and asks related questions (reliability/ accuracy/ reading interpretation\/ other similar methods)
- CXR with pleural effusion. Asks how to differentiate between effusion and pneumothorax. Causes of unilateral pleural effusion.