

ANSWERS TO SECTIONS A & B TO BE WRITTEN IN SEPARATE ANSWER BOOKS AND CLEARLY MARKED.

ALL QUESTIONS TO BE ATTEMPTED

SECTION A

1 Write short notes on

- a) Propofol Infusion in Intensive Care → 2x11 long topics
- b) APACHE scoring → 268 Key topics (Peds)
- c) low molecular weight heparin → Scavenger + J. W.

2 A 69 year old 90 kg woman with a history of angina on exertion is undergoing a total abdominal hysterectomy under General Anaesthesia, peri operatively she suddenly develops a fast supraventricular tachyarrhythmia. Discuss the possible causes, types of arrhythmia and the management. → Rensc. P.P.W.

3 Describe the pre-operative assessment and anaesthetic management of an 18 year old patient requiring emergency surgery for repair of a traumatic avulsion of the right upper lobe bronchus from the main bronchus.

SECTION B

4 Write short notes on:

- a) pressure support ventilation → 1 part (A.B)
- b) Non steroidal Anti-inflammatory agents → 113 (Peds + W. J. W.)
- c) monoclonal antibodies P220 + 954 → 457 (X) (Cancer + Advice)

5 A 36 year old, previously healthy female patient (weight 85 kg) presents for elective laparoscopic cholecystectomy. The anaesthetic technique included controlled ventilation with N₂O/O₂ 0.5% isoflurane, with incremental bolus administration of fentanyl and vecuronium. Within 5 minutes of pneumo-peritoneum creation, arterial oxygen desaturation (SaO₂ 85% and high airway pressures (50 cm H₂O) were noted. Discuss the differential diagnosis and management

6 Describe the methods of pain relief in a two year old (12 kg) undergoing an inguinal hernia repair.

Pg 195 (Bridew) Blue

END OF THIS PAPER