IMPORTANT INSTRUCTIONS

- This question paper consists of 10 questions divided into Part ‘A’ and Part ‘B’, each part containing 5 questions.
- Answers to questions of Part ‘A’ and Part ‘B’ are to be strictly attempted in separate answer sheet(s) and the main + supplementary answer sheet(s) used for each part must be tagged separately.
- Answers to questions of Part ‘A’ attempted in answer sheet(s) of Part ‘B’ or vice versa shall not be evaluated.
- Answer sheet(s) of Part ‘A’ and Part ‘B’ are not to be tagged together.
- Part ‘A’ and Part ‘B’ should be mentioned only on the covering page of the respective answer sheet(s).
- Attempt all questions in order.
- Each question carries 10 marks.
- Read the question carefully and answer to the point neatly and legibly.
- Do not leave any blank pages between two answers.
- Indicate the question number correctly for the answer in the margin space.
- Answer all the parts of a single question together.
- Start the answer to a question on a fresh page or leave adequate space between two answers.
- Draw table/diagrams/flowcharts wherever appropriate.

PART A

1. What is baricity? Describe the relevance of baricity in spinal anaesthesia. Describe the adjuvants used with intrathecal block. 3+4+3

2. Define MAC. What are the types of MAC? Describe the role of blood gas and oil gas solubility of volatile anaesthetics? 2+2+6

3. Compare the advantages and disadvantages of inter pleural block and paravertebral block. 5+5

4. Classify Supraglottic Airway Devices (SADs). What are the modifications done in third generation SADs? Discuss the complications associated with the use of SADs. 4+3+3

5. What are the types of scavenging systems used in OTs? Describe the role of volatile anaesthetics in environmental pollution. 4+6

P.T.O.