

FINAL EXAM
JUNE 2018

NATIONAL BOARD OF EXAMINATIONS

ANAESTHESIOLOGY

PAPER-IV

TIME: 3 HOURS
MAX. MARKS: 100

ANS/J/18/01/IV

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 question(s) of Part A attempted in answer sheet(s) of part B or Vice versa shall not be evaluated.
- Answer sheets 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 sheets.
- 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.

Write short notes on:**PART A**

1. What are simulators? Describe different types of simulators and their role for medical education, training and research. 2+8
2. a) Visual Analogue Scale (VAS) and its interpretation. 5+5
b) Adjuvants in regional anaesthesia for paediatric patient.
3. Concerns and anaesthetic management for robotic surgery. 4+6
4. a) Stroke volume variations and its anaesthetic implications. 5+5
b) Enumerate complications of Central Venous Cannulation.
5. Define asystole. Describe the "algorithm" with the help of a flowchart for a patient who develops 'asystole' during laparotomy under general anaesthesia. 2+8

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ANAESTHESIOLOGY**PAPER-IV****Please read carefully the important instructions mentioned on Page '1'**

- Answers to questions of Part A and part B are to be strictly attempted in separate answer sheets and the main + supplementary answer sheets used for each part must be tagged separately.
- Answers to question(s) of Part A attempted in answer sheets of Part B or vice versa shall not be evaluated.

PART B

- | | | |
|-----|--------------------------------------------------------------------------------------------------------------------------------------------|-----|
| 6. | a) Liposomal bupivacaine.
b) Inhaled nitric oxide. | 5+5 |
| 7. | Guidelines for assessment and management of nutrition support in a critically ill adult patient with cerebrovascular stroke on RT feeding. | 4+6 |
| 8. | a) Hypo-proteinaemia and anaesthetic agents.
b) Techniques of induced hypotension | 5+5 |
| 9. | a) Role of anaesthesiologists in palliative care medicine.
b) Pressure support ventilation | 5+5 |
| 10. | a) Regional anaesthesia and low molecular weight heparins.
b) Sniffing v/s Ramped positions for intubation. | 5+5 |
