

ANAESTHESIOLOGY

PAPER-I

TIME: 3 HOURS
MAX. MARKS: 100

ANS/J/18/01/I

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. a) Anatomy of larynx with a well labelled diagram. 6+4
b) The modified Cormack and Lehane grading for the direct laryngoscopic view.
2. a) Predictors of Difficult Mask Ventilation in adult patients. 5+5
b) Various modalities to overcome difficult mask ventilation.
3. a) p-value and Null hypothesis- importance and interpretation 5+5
b) Randomization and blinding in a clinical trial.
4. a) Draw a well labelled diagram of a normal Thromboelastograph (TEG). 4+6
b) Clinical applications of different forms of TEGs in anaesthesiology practice.
5. Preoperative evaluation for Diabetic Autonomic Neuropathy and its anaesthetic implications. 6+4

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PAPER-I

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

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|---|-------|
| 6. a) OSA (Obstructive sleep apnoea) risk scoring system. | 5+5 |
| b) Complications related to prone position under general anaesthesia | |
| 7. The prevention and management of: | 5+5 |
| a) Hypothermia in an adult patient under general anaesthesia | |
| b) Hypoxaemia during One lung ventilation. | |
| 8. a) Effects of Smoking and anaesthesia concerns. | 5+5 |
| b) Bernoulli's principle and its applications in Anaesthesiology. | |
| 9. The signs, symptoms and management of local anaesthesia toxicity. | 3+3+4 |
| 10. a) The advantages and disadvantages of closed circuit breathing system. | 5+5 |
| b) Low flow anaesthesia. | |
