

**ANAESTHESIOLOGY**

**PAPER-II**

TIME: 3 HOURS  
MAX. MARKS: 100

ANS/J/18/01/II

**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**

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|--|-------|
| 1. Indications, technique and complications of TAP (Tranversus abdominus plane) block.   | 3+5+2 |
| 2. Preventive measures and management of Post Dural Puncture Headache (PDPH) in an adult patient.  | 5+5   |
| 3. Compare and contrast:<br>a) Inhalational and intravenous induction technique in paediatric patient.<br>b) Macintosh laryngoscope and Videolaryngoscope in difficult airway management | 5+5   |
| 4. Prevention and management of intraoperative air embolism in an adult patient undergoing posterior fossa tumour surgery.   | 5+5   |
| 5. Management strategies of extubation in a patient with difficult airway.   | 10    |

**ANAESTHESIOLOGY**

**PAPER-II**

**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) MAC (Monitored anaesthesia care)<br>b) Effects of hypothermia in cardiac arrest victim  | 5+5 |
| 7.  | Preoperative evaluation and anaesthetic management of a 35-year-old female patient with a prosthetic mitral valve scheduled for MTP with laparoscopic tubal ligation.  | 4+6 |
| 8.  | A middle aged male was lying unconscious on the road side. Draw a flow chart for the management of this victim. Write chain of survival for adult and paediatric patients for 'in hospital' and 'outside hospital' cardiac arrest. | 4+6 |
| 9.  | a) Post-operative analgesia modalities used for a patient operated for total knee replacement (TKR).<br>b) Methods for identification of epidural space.   | 5+5 |
| 10. | a) TIVA: describe the technique and drugs used.<br>b) Jet ventilation: technique and complications   | 5+5 |

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