

**ANAESTHESIOLOGY**  
**PAPER-III**

TIME: 3 HOURS  
MAX. MARKS: 100

ANS/J/20/01/III

**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) Ventilation strategies during rigid bronchoscopy.<br>b) Recommendations for perioperative $\beta$ -blockers usage.                                       | 5+5     |
| 2. | How do you classify the urgency of a surgical procedure?<br>Discuss management of post tonsillectomy bleeding in a 6-year-old child posted for exploration? | 4+6     |
| 3. | How will you evaluate a 23-year-old lady posted for scoliosis correction? What are the main intraoperative concerns and how will you manage?                | 4+6     |
| 4. | Describe briefly the risk assessment of postoperative nausea and vomiting (PONV), its prevention, treatment and rescue management for persistent vomiting.  | 2+2+3+3 |
| 5. | How will you plan and administer labour analgesia in a morbidly obese parturient?   | 10      |

**P.T.O**

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**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. Discuss briefly management of:   | 5+5   |
| a) TURP syndrome.   |       |
| b) Deep hypothermic circulatory arrest (DHCA).  |       |
| 7. a) Anesthesia for fetal surgery.   | 5+5   |
| b) Complex Regional Pain Syndromes.   |       |
| 8. A meningomyelocele is present in a 3 kg, full term, 10-day neonate. What are your preoperative, intra operative and post-operative concerns? | 3+5+2 |
| 9. a) Porto-pulmonary hypertension.   | 5+5   |
| b) Hepatorenal syndrome.  |       |
| 10. What is the role of magnesium in present day anaesthesia?   | 10    |

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