

**ANAESTHESIOLOGY**  
**PAPER-IV**

TIME: 3 HOURS  
MAX. MARKS: 100

ANS/J/20/01/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. Enumerate the causes, prevention and management of post extubation respiratory distress in ICU.              | 3+3+4 |
| 2. a) Trans-nasal Humidified Rapid-Insufflation Ventilatory Exchange [THRIVE].<br>b) Oral Factor Xa inhibitors. | 5+5   |
| 3. a) Neuraxial ultrasound.<br>b) Opioid free anaesthesia.  | 5+5   |
| 4. a) Recruitment maneuvers.<br>b) Delirium in ICU.   | 5+5   |
| 5. Discuss WHO ladder for chronic pain. What are its limitations?   | 10    |

**P.T.O**

**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) Role of video laryngoscope for intubation in Covid-19 patients.             | 5+5 |
|     | b) PPE for airway management during Covid-19 pandemic.                         |     |
| 7.  | a) Post-obstructive pulmonary oedema.  | 5+5 |
|     | b) Transfusion related lung injury.  |     |
| 8.  | a) Temperature management following cardiac arrest from non- shockable rhythm. | 5+5 |
|     | b) Xenon and its use in anesthesia.  |     |
| 9.  | a) Angiotensin II agonist.   | 5+5 |
|     | b) Dexmedetomidine.  |     |
| 10. | a) Hyperchloremic metabolic acidosis.  | 5+5 |
|     | b) Heparin induced thrombocytopenia.   |     |

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