

**ANAESTHESIOLOGY**

PAPER – IV

ANS /J/13/01/IV

Time : 3 hours  
Max. Marks : 100

**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 questions of Part 'A' attempted in answer sheet(s) of Part 'B' or vice versa shall not be evaluated.
- Answer sheet(s) 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 sheet(s).
- Attempt all questions in order.
- Each question carries 10 marks.

**PART A**

1. Define and classify shock. Describe briefly the guidelines for the management of cardiogenic shock. 2+8
2. What are the functions of liver? Describe the anesthetic implications of ascites and its management. 2+(4+4)
3. Enumerate the safety features in modern anesthesia machines. Describe the features to prevent delivery of hypoxic gas mixture. 5+5
4. Enumerate the methods available for pain relief in patients with carcinoma pancreas. Describe celiac plexus block with the help of a diagram. 3+(3+4)
5. Briefly describe thermoregulation in the human body. Discuss the impact of perioperative hypothermia. 5+5

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