

**ANAESTHESIOLOGY**

**PAPER – II**

Time : 3 hours  
Max. Marks : 100

ANS/D/17/01/II

**IMPORTANT INSTRUCTIONS**

- This question paper consists of 10 questions divided into Part 'A' and part 'B', each part containing 5 questions.
- Answers to question 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 sheets of Part A and Part B are not to be tagged together.
- Part 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) Draw a neatly labeled diagram of the neuromuscular junction. 3+4+3  
b) What are the types of neuromuscular blocking agents?  
c) What is Phase II block?
2. a) Define intracranial pressure (ICP). 2+4+4  
b) Enumerate factors causing increase in ICP.  
c) Pharmacological measures to reduce ICP intraoperatively in a patient undergoing craniotomy.
3. a) Placental transfer of anaesthetic drugs and its implications. 5+5  
b) Variations in MAC in different age groups.
4. a) What is permissive hypercapnia? 5+5  
b) Enumerate the strategies to be adopted to decrease operation theatre pollution.
5. a) Draw a neatly labeled diagram of the brachial plexus. 3+2+5  
b) Enumerate the various approaches for brachial plexus block.  
c) What are the complications of supraclavicular approach and its management?

**P.T.O**