

ANAESTHESIOLOGY

PAPER – IV

ANAES/J/16/01/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.***
- ***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) Classify various pharmacological agents for pain relief. 4+6
b) Enumerate the major side effects of each.
2. a) What is oxygen flux? 2+(4+2+2)
b) Draw oxygen haemoglobin dissociation curve and enumerate the factors producing leftward and rightward shift of the curve.
3. Management of a patient with pulseless ventricular tachycardia/ventricular fibrillation in the hospital. 10
4. a) Management of hyponatraemia (serum sodium level of 109 mEq/L in a patient). 5+5
b) Closed suction catheter system for tracheal suctioning.
5. Management of a patient with electric shock. 10

P.T.O.