



ANAESTHESIOLOGY

PAPER – IV

ANAE/D/14/01/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.*

PART A

1. Describe the role of albumin in ICU and the current concepts of intravenous fluids in ICU. 5+5
2. What are the measures of tissue oxygenation? Describe briefly oxygen delivery, oxygen consumption and oxygen extraction. 4+6
3. What is neuroplasticity? Describe drugs and techniques that can prevent and treat neuroplasticity. 3+7
4. What is the role of airway exchange catheters in modern anaesthesia practice? Describe in short management of post extubation stridor. 5+5
5. Describe the interfaces used with Non-Invasive Ventilation (NIV). What is NIV protocol? Describe the current definitive indications of NIV. 4+2+4

P.T.O.

