

**ANAESTHESIOLOGY**

**PAPER – IV**

ANS /D/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.*
- *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 criteria for Brain death and its clinical significance. 6+4
2. Describe the types of Post Operative Cognitive Dysfunction (POCD). Enumerate the methods to detect POCD in clinical practice. 7+3
3. Describe the criteria for diagnosis of Systemic Inflammatory Response Syndrome. Briefly discuss its management. 6+4
4. Discuss how glycemc control affects the outcome in critically ill patients. Describe the advantages and disadvantages of tight and non-tight glycemc control in ICU. 4+6
5. What are the acute and longterm effects of postoperative pain? Describe Chronic Post Surgical Pain (CPSP) and various methods to prevent it. 5+5

P.T.O.