

**ANAESTHESIOLOGY**

PAPER – II

ANAES/J/16/01/II

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) Define massive blood transfusion. 2+8  
b) What are the risks of transfusion of blood and blood products?
2. Guidelines for management of biomedical waste. 10
3. a) Neuromuscular transmission with the help of a diagram. 7+3  
b) Factors that influence neuromuscular transmission.
4. Indications, contraindications and complications of regional anaesthesia in pediatric age group. 3+4+3
5. Principles and advantages of different types of jet ventilation. 3+7

**P.T.O.**