



**ANAESTHESIOLOGY**

PAPER – III

ANS/J/14/01/III

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. Discuss complications of diabetes mellitus of interest to anaesthesiologist. Describe anaesthetic management of emergency laparotomy in a diabetic. 5+5
2. Discuss the pathophysiology and clinical presentation of a patient with PDA? Describe the perioperative anaesthetic management of an infant posted for surgical closure of PDA. (2+3)+5
3. Describe in brief the principles of one lung anaesthesia. Justify the need and indications of postoperative ventilatory support. 6+4
4. What are the anaesthetic implications for Laser surgery of the airway? Briefly describe the preventive measures. 4+6
5. Describe in a step wise manner management of uterine atony during caesarean section. 10