

FINAL EXAM
DECEMBER 2016

NATIONAL BOARD OF EXAMINATIONS

ANAESTHESIOLOGY

PAPER – IV

ANS/D/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) Why is humidification of inhaled gases important? 2+(4+4)
b) What are the various techniques of humidifying inhaled air in a patient breathing spontaneously, and a patient on controlled ventilation in ICU?
2. a) What is opioid induced hyperalgesia? 2+2+6
b) What is the difference between opioid induced hyperalgesia and opioid tolerance?
c) Measures taken to overcome opioid induced hyperalgesia.
3. Symptoms and signs, and management of organophosphorus poisoning. 5+5
4. Role of PT, APTT and thromboelastography in clinical practice. 3+3+4
5. Pharmacological and non-pharmacological means of reducing intracranial tension in a patient with head injury being ventilated in ICU. 5+5

P.T.O.