

FINAL EXAM
DECEMBER 2016

NATIONAL BOARD OF EXAMINATIONS

ANAESTHESIOLOGY**PAPER – I****Please read carefully the important instructions mentioned on Page '1'**

- *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.*

PART B

- | | |
|--|-----------|
| 6. Anatomical differences in the airway and the differences in respiratory physiology between a neonate and an adult. | 5+5 |
| 7. a) Enumerate the buffer systems in the body.
b) Renal compensation for metabolic acidosis. | 3+7 |
| 8. Pharmacodynamic effects of etomidate on cardiovascular, respiratory, endocrine, central nervous and hepato-renal systems in the body. | 2+2+2+2+2 |
| 9. a) Define obstructive sleep apnoea.
b) Pathogenesis, diagnosis and anaesthetic implications of obstructive sleep apnoea. | 2+(2+2+4) |
| 10. a) What are the ECG changes caused by hyperkalaemia?
b) How is intra-operative hyperkalaemia treated? | 4+6 |
