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FINAL EXAM
DECEMBER 2017

NATIONAL BOARD OF EXAMINATIONS

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ANAESTHESIOLOGY

PAPER-I

Time   : 3 Hours   ANS/D/17/01/I
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 question 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 sheets.
- 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. Enumerate the physiological changes in pregnancy with regards to the cardiovascular and respiratory system   5+5

2. a) Draw a neatly labeled diagram to show the distribution of ventilation and perfusion in a normal lung.   4+6
    b) Enumerate the various factors affecting ventilation & perfusion of the lung.

3. a) Enumerate the causes of hyperkalemia.   3+4+3
    b) Signs & symptoms of hyperkalemia
    c) Management of hyperkalemia

4. a) Meta-analysis   5+5
    b) ANOVA

5. a) Enumerate the neuroendocrine response to surgery.   5+5
    b) Informed consent

P.T.O