

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 sheets and the main + supplementary answer sheets used for each part must be tagged separately.
- Answers to question(s) of Part A attempted in answer sheets of Part B or vice versa shall not be evaluated.

PART B

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|-----|---|---------|
| 6. | a) Dose Response Curve. | 5+5 |
| | b) Oxygen Cascade. | |
| 7. | Describe principles of Pulse Oximetry. What are the limitations of pulse oximetry and how can they be overcome? | 4+(4+2) |
| 8. | a) Isomerism in anaesthesia. | 5+5 |
| | b) Role of Biomarkers in Anaesthesiology. | |
| 9. | a) Relevance of Null Hypothesis significance testing. | 4+6 |
| | b) Case Control study design. | |
| 10. | What is the role of kidney in acid base balance? What are the anaesthetic considerations in a dialysis dependent patient? | 5+5 |
