

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 sheets 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

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|-----|---|-------|
| 6. | a) What is mixed venous oxygen saturation (SvO ₂)? | 3+4+3 |
| | b) Enumerate the conditions in which the SvO ₂ is decreased. | |
| | c) What are the limitations of SvO ₂ value interpretation? | |
| 7. | a) What are the stages of anaesthesia? | 3+4+3 |
| | b) Enumerate the various EEG based index systems to assess the depth of anaesthesia. | |
| | c) What is entropy? | |
| 8. | a) Enumerate the various bedside airway assessment tests. | 5+5 |
| | b) What is the role of ultrasonography in airway assessment? | |
| 9. | A 50 year old female is posted for laparoscopic cholecystectomy | 4+6 |
| | a) What are the changes in the cardio-respiratory system due to pneumoperitoneum? | |
| | b) What is the ventilatory strategy to optimize oxygenation & maintain normocapnia? | |
| 10. | a) Nerve supply of larynx. | 5+5 |
| | b) A 10 yr. old female develops laryngospasm after extubation: Causes and management. | |
