

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

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.
