

The West Bengal University of Health Sciences
M.D. (Anaesthesiology) March-April, 2020 Examination

Paper: IV

Full Marks: 100
Time: 3 Hours

Attempt all questions

1. Describe briefly diagnosis, pathophysiology, signs and symptoms and management of CO Poisoning . 2+2+2+4
2. What is mixed venous oxygen saturation? Describe its importance in critical care set up. How it is measured? 3+3+4
3. What is frailty index? How is frailty index measured? What are the anaesthetic considerations of a frail patient? 2 + 4 + 4
4. Enumerate the causes, Signs & Symptoms of hyponatremia? How is it managed? 6+4
5. What is trigeminal neuralgia? Describe the anatomy of trigeminal ganglion. Describe the treatment modalities of trigeminal neuralgia. 3+3+4
6. Define VAP ? How can it be prevented. Which are the common microbes responsible for VAP? What are the guidelines for treatment of VAP? 2+3+2+3
7. What is opioid induced hyperalgesia? What is the difference between opioid induced hyperalgesia and opioid tolerance? What are the measures taken to overcome opioid induced hyperalgesia. 2+3+5
8. Discuss the Pharmacological and non-pharmacological means of reducing ICP in a patient with head injury being ventilated in ICU. 5+5
9. Describe PEEP? How does it improve PaO₂? What are its advantages? How is it different from CPAP? 2+3+2+3
10. What is WHO Ladder for chronic pain ? What are the principles and Limitations of WHO Ladder ?. 5+5