

ANAESTHESIOLOGY

PAPER – IV

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 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.*

PART B

6. What are the symptoms and signs of hyponatraemia? 4+3+3
Calculate the sodium deficit in a 70 Kg adult male with serum sodium of 122mmol/L. How will you replace the deficit?
7. a) Define: (1+1)
i) Systemic Inflammatory Response Syndrome.
ii) Septic shock
b) Role of the following drugs in the management of septic shock: (3+3+2)
i) Noradrenaline
ii) Dopamine
iii) Dobutamine
8. Define bronchospasm. How does it affect the pressure volume flow loop? What are the intra-operative causes of bronchospasm? How is it managed? 2+2+3+3
9. Define VAP (Ventilator Acquired Pneumonia). What are the guidelines for antimicrobial treatment of VAP? What are the common microbes responsible for VAP? How can it be prevented? 2+3+2+3
10. a) Define ARDS. 2+3+5
b) Pathophysiology of ARDS.
c) Principles of ventilatory management in a patient with ARDS.
