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 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. a) How would you evaluate a patient with autonomic neuropathy preoperatively?  
   b) What are its anaesthetic implications?  
   \(6+4\)

7. a) What are the different types of crystalloids used in shock in an adult patient?  
   b) Mention their composition, advantages & disadvantages.  
   \(2+(3+3+2)\)

8. a) Enumerate various approaches to central venous cannulation.  
   b) Anatomical landmarks, technique, advantages and disadvantages of any one of the approaches central to venous cannulation.  
   \(2+(2+2+2+2)\)

9. a) Indications of one lung ventilation.  
   b) Management of severe hypoxaemia during one lung ventilation.  
   \(5+5\)

10. Applications of the following in anaesthesia:  
    a) Boyle’s law  
    b) Charle’s law  
    c) Bernoulli’s principle  
    \(3+3+4\)