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 is the difference between partial and total cardiopulmonary bypass during open heart surgery? Describe the complications associated with cardiopulmonary bypass.  

7. Discuss the anaesthetic concerns in a patient with end stage renal disease. Differentiate between peritoneal dialysis and haemodialysis.  

8. Describe the precautions that need to be taken when positioning anaesthetized patient in prone position. Give an account of positive pressure ventilation in prone position.  

9. What are the perioperative risks in patients with uncontrolled hyperthyroidism? How will you manage such a patient posted for emergency surgery?  

10. Describe in detail the anaesthetic management of a patient with coronary artery disease, posted for microlaryngeal surgery. What are the main postoperative problems, their prevention and management?