

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

Paper: III

Full Marks: 100
Time: 3 Hours

Attempt all questions

1. Explain the anaesthetic considerations and management of postoperative complications of a 25 year old male patient with pituitary adenoma scheduled for transsphenoidal pituitary surgery. 5 + 5
2. Describe the perioperative management of a 30 year old female with thoracolumbar scoliosis scheduled for spine stabilization surgery. 5 + 5
3. Describe the preoperative evaluation of Diabetic autonomic neuropathy and its anaesthetic implications. 5 + 5
4. Discuss the indications of one lung anaesthesia , along with their associated physiological changes and ways to overcome it. 5 + 5
5. Why is an infant more prone to hypothermia than an adult. What are the consequences of inadvertent intraoperative hypothermia in an infant. Various methods of prevention of intraoperative hypothermia. 10
6. Describe the anaesthetic considerations in an adult male with coronary stent placed 7 months back scheduled for an elective noncardiac surgery . 10
7. Describe the diagnosis and certification of brain death . Explain the management of such patient for organ harvesting ? 5 + 5
8. Describe preoperative evaluation of patient with temporo mandibular joint ankylosis . Describe the methods of airway management for a patient with 5mm mouth opening scheduled of surgery. 5 + 5
9. Discuss the anaesthetic concerns of 35year old male thyrotoxic patient for emergency exploratory laparotomy . 10
10. Write short notes on : 5 + 5
 - a. TURP syndrome
 - b. Venous air embolism