

The West Bengal University of Health Sciences
M.D. (Anaesthesiology) July - August, 2021 Examination

Paper: III

Full Marks: 100
Time: 3 Hours

Attempt all questions

1. Discuss pathophysiology of one lung ventilation. Management of post operative pain in thoracotomy patient. 5+5
2. Concerns and anesthetic management for robotic surgery for radical nephrectomy. 3+7
3. Write a short note on: 5+5
 - a) Inadvertent total spinal block.
 - b) Bone cement implantation syndrome.
4. Discuss anaesthetic considerations and perioperative management of a 70year old patient with permanent pacemaker posted for cholecystectomy. 4+6
5. Describe the metabolic and end-organ consequences of long-standing diabetic type 2 with their anaesthetic significance. 5+5
6. What are the causes of cerebrovascular accident? Discuss anaesthetic management of a case of intracranial aneurysm posted for surgery. 3+4+3
7. What are the unique airway problems in a 3year old boy ? Discuss periperative management of the same child presenting with stridor due to a foreign body inhalation. 3+3+4
8. Write short notes on: 3+3+4
 - a) Hepatitis B
 - b) Hypoxic Pulmonary Vasoconstriction
 - c) Erector spinae block
9. Enumerate the causes and effects of restrictive lung disease. How do you evaluate a patient for thoracotomy for a huge lung eyst ? 5+5
10. Discuss anaesthetic implications of cancer patients on chemotherapeutic drug, posted for debulking surgery. 5+5