

National Board of Examinations

Question Paper Name : Diploma Anaesthesiology Paper2
Subject Name : Diploma Anaesthesiology Paper2
Duration : 182
Total Marks : 100
Display Marks: No

Maximum Instruction Time : 0
Is Section Default? : No

Question Number : 1 Question Id : 32718745832 Consider As Subjective : Yes

Please write your answers in the answer booklet within the allotted pages as follows:-

Question Number	Answer to be attempted within	Question Number	Answer to be attempted within
Q. 1	Page 1-5	Q. 6	Page 26-30
Q. 2	Page 6-10	Q. 7	Page 31-35
Q. 3	Page 11-15	Q. 8	Page 36-40
Q. 4	Page 16-20	Q. 9	Page 41-45
Q. 5	Page 21-25	Q. 10	Page 46-50

1. Write briefly about the pre-operative evaluation, intra-operative management and postoperative care of a 20-day-old preterm neonate posted for repair of lumbar meningocele. [3+5+2]

Question Number : 2 Question Id : 32718745833 Consider As Subjective : Yes

- Discuss airway management of a patient with multiple facial fractures after road traffic accident. [4]
- Discuss massive transfusion in this patient. [4]
- How do we evaluate allowable blood loss? [2]

Question Number : 3 Question Id : 32718745834 Consider As Subjective : Yes

- a) Discuss the management of hepatic encephalopathy. [5]
- b) Describe the various tests to confirm brain death. [5]

Question Number : 4 Question Id : 32718745835 Consider As Subjective : Yes

- a) Preoperative evaluation and preparation of a 38-year-old female with hyperthyroidism for subtotal-thyroidectomy. [3+3]
- b) Enumerate postoperative complications of subtotal-thyroidectomy. [4]

Question Number : 5 Question Id : 32718745836 Consider As Subjective : Yes

- a) Discuss factors affecting hypoxic pulmonary vasoconstriction. [5]
- b) Discuss equipments available to achieve one lung ventilation in adults and children. [5]

Question Number : 6 Question Id : 32718745837 Consider As Subjective : Yes

- a) Describe the anatomy of adductor canal. [3]
- b) Discuss the indications, technique and complications of ultrasound guided adductor canal block. [3+3+1]

Question Number : 7 Question Id : 32718745838 Consider As Subjective : Yes

- a) Discuss the factors predisposing a pregnant patient to the risk of regurgitation and aspiration. [6]
- b) Write in brief about the role of magnesium sulfate in patients with eclampsia and its anaesthetic implications. [4]

Question Number : 8 Question Id : 32718745839 Consider As Subjective : Yes

- a) What are the ASA minimum monitoring standards for the conduct of anesthesia? [2]
- b) Write advantages and disadvantages of day care surgery. [4]
- c) Write any 2 discharge criteria scores for day care surgery. [4]

Question Number : 9 Question Id : 32718745840 Consider As Subjective : Yes

- a) What is Hoffman's elimination? Write the mechanism of action of sugammadex. [2+3]
- b) What is context half life? Discuss propofol infusion syndrome. [2+3]

Question Number : 10 Question Id : 32718745841 Consider As Subjective : Yes

Discuss perioperative anaesthetic considerations and management of an 85-year-old male patient for knee replacement with CAD and Parkinson disease. [5+5]