

National Board of Examinations

Question Paper Name : DrNB Neuro Anaesthesia Paper2
Subject Name : DrNB Neuro Anaesthesia Paper2
Duration : 180
Total Marks : 100
Display Marks: No

Maximum Instruction Time : 0

Question Number : 1 Question Id : 32718740774 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. What are the blood pressure management targets in a patient with:
a) Aneurysmal subarachnoid hemorrhage. [5]
b) Intracerebral hemorrhage. [5]

Question Number : 2 Question Id : 32718740775 Consider As Subjective : Yes

- a) Describe various types of brain herniations with diagram. [5]
b) Role of hypertonic saline in neurosurgical patients. [5]

Question Number : 3 Question Id : 32718740776 Consider As Subjective : Yes

Discuss the various ancillary tests used for the diagnosis of brain death. [10]

Question Number : 4 Question Id : 32718740777 Consider As Subjective : Yes

Discuss the management of intraoperative cardiac arrest in a 35-year-old male patient undergoing posterior fossa surgery in prone position. [10]

Question Number : 5 Question Id : 32718740778 Consider As Subjective : Yes

- a) Discuss the diagnosis and management of status epilepticus. [7]
- b) What is the role of ketamine in refractory status epilepticus? [3]

Question Number : 6 Question Id : 32718740779 Consider As Subjective : Yes

- a) Postoperative visual loss following surgery in prone position. [5]
- b) Tension pneumocephalus. [5]

Question Number : 7 Question Id : 32718740780 Consider As Subjective : Yes

- a) Discuss the anesthetic concerns for a 2-month-old child posted for repair of meningocele (MMC). [7]
- b) Describe the intraoperative neuromonitoring modalities for this patient. [3]

Question Number : 8 Question Id : 32718740781 Consider As Subjective : Yes

- a) Goal-directed fluid therapy in neurosurgery. [5]
- b) Cerebral salt wasting syndrome. [5]

Question Number : 9 Question Id : 32718740782 Consider As Subjective : Yes

Enumerate the perioperative complications of:

- a) Deep brain stimulation surgeries. [5]
- b) Aneurysm coiling procedures. [5]

Question Number : 10 Question Id : 32718740783 Consider As Subjective : Yes

- a) Nimodipine. [5]
- b) Adenosine. [5]