

# National Board of Examinations

**Question Paper Name :** DrNB Neuro Anaesthesia Paper3  
**Subject Name :** DrNB Neuro Anaesthesia Paper3  
**Duration :** 180  
**Total Marks :** 100  
**Display Marks:** No

**Maximum Instruction Time :** 0

**Question Number : 1 Question Id : 32718740784 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. A 54-year-old hypertensive female presented with ruptured anterior communicating artery (ACOM) aneurysm with modified Hunt and Hess grade IV subarachnoid hemorrhage (SAH). She was posted for emergency clipping of aneurysm under general anaesthesia. Discuss the anaesthetic goals and intraoperative management in this patient. [10]

**Question Number : 2 Question Id : 32718740785 Consider As Subjective : Yes**

Discuss the anaesthetic technique and intraoperative management for resection of tumor located near the motor strip under general anaesthesia along with neurophysiological monitoring. [10]

**Question Number : 3 Question Id : 32718740786 Consider As Subjective : Yes**

Discuss the airway management in a patient with an unstable cervical spine with cervical collar in situ, scheduled for posterior spine fixation in the prone position. [10]

**Question Number : 4 Question Id : 32718740787 Consider As Subjective : Yes**

Discuss the ICU management of a patient admitted with myasthenia crisis. [10]

**Question Number : 5 Question Id : 32718740788 Consider As Subjective : Yes**

- a) Post-craniotomy pain management. [5]
- b) Delayed awakening after intracranial surgery. [5]

**Question Number : 6 Question Id : 32718740789 Consider As Subjective : Yes**

- a) Massive blood transfusion. [5]
- b) Blood conservation strategies. [5]

**Question Number : 7 Question Id : 32718740790 Consider As Subjective : Yes**

What is the recent evidence regarding:

- a) Timing of thrombolysis after acute ischemic stroke. [5]
- b) Timing of mechanical thrombectomy after acute ischemic stroke. [5]

**Question Number : 8 Question Id : 32718740791 Consider As Subjective : Yes**

- a) Role of continuous EEG monitoring in neuro-intensive care units. [5]
- b) Role of steroids in neurotrauma patients. [5]

**Question Number : 9 Question Id : 32718740792 Consider As Subjective : Yes**

Compare the following:

- a) Plasmapheresis versus IVIG for management of Guillain-Barré syndrome. [5]
- b) Alteplase versus tenecteplase for thrombolysis in acute ischemic stroke. [5]

**Question Number : 10 Question Id : 32718740793 Consider As Subjective : Yes**

- a) Autonomic dysreflexia. [5]
- b) Automated pupillometry. [5]