

National Board of Examinations

Question Paper Name :	DrNB Neuro Anaesthesia Paper2
Subject Name :	DrNB Neuro Anaesthesia Paper2
Creation Date :	2025-01-19 09:52:15
Duration :	180
Total Marks :	100
Display Marks:	No
Share Answer Key With Delivery Engine :	No
Actual Answer Key :	No

DrNB Neuro Anaesthesia Paper2

Group Number :	1
Group Id :	3271872782
Group Maximum Duration :	0
Group Minimum Duration :	180
Show Attended Group? :	No
Edit Attended Group? :	No
Break time :	0
Group Marks :	100

DrNB Neuro Anaesthesia Paper2

Section Id :	3271872785
Section Number :	1
Section type :	Offline
Mandatory or Optional :	Mandatory
Number of Questions :	10
Number of Questions to be attempted :	10
Section Marks :	100
Maximum Instruction Time :	0
Sub-Section Number :	1
Sub-Section Id :	3271872789
Question Shuffling Allowed :	No

Question Number : 1 Question Id : 32718729104 Question Type : SUBJECTIVE Consider As Subjective : Yes

Correct Marks : 10

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 24 year old female with a diagnosis of mesial temporal lobe epilepsy, is on three antiepileptic drugs (valproic acid, levetiracetam, clobazam) and is scheduled for amygdalohippocampectomy under ECoG monitoring.

- Discuss the preoperative evaluation of this patient. [4]
- Enumerate the perioperative concerns for this patient. [3]
- Briefly describe your choice of anesthetic drugs for this surgery and the rationale. [3]

Question Number : 2 Question Id : 32718729105 Question Type : SUBJECTIVE Consider As Subjective : Yes

Correct Marks : 10

Intracranial pressure monitoring:

- Indications. [2]
- Invasive and non-invasive techniques with their advantages and limitations. [8]

Question Number : 3 Question Id : 32718729106 Question Type : SUBJECTIVE Consider As Subjective : Yes

Correct Marks : 10

Briefly discuss the role of regional anesthesia/ analgesia techniques in:

- Craniotomies. [5]
- Spine surgeries. [5]

Question Number : 4 Question Id : 32718729107 Question Type : SUBJECTIVE Consider As Subjective : Yes

Correct Marks : 10

- What is the rationale of enhanced recovery after surgery (ERAS) protocols? [3]
- Briefly discuss the various elements of ERAS protocols for neurosurgical patients. [7]

Question Number : 5 Question Id : 32718729108 Question Type : SUBJECTIVE Consider As Subjective : Yes

Correct Marks : 10

A 76-year-old patient is scheduled for a left internal carotid artery (ICA) angioplasty and stenting for a severe left proximal ICA stenosis.

- a) Briefly discuss the preoperative evaluation and preparation. [4]
- b) Enumerate the intraoperative concerns. [3]
- c) Elucidate the potential postoperative complications. [3]

Question Number : 6 Question Id : 32718729109 Question Type : SUBJECTIVE Consider As Subjective : Yes

Correct Marks : 10

- a) Discuss the perioperative concerns in an acromegalic patient scheduled for endoscopic transnasal resection of a pituitary adenoma. [5]
- b) Discuss the preoperative investigations for this patient. [5]

Question Number : 7 Question Id : 32718729110 Question Type : SUBJECTIVE Consider As Subjective : Yes

Correct Marks : 10

- a) Differential diagnosis of hyponatremia in neurocritical care. [5]
- b) Management of hyponatremia in neurocritical care. [5]

Question Number : 8 Question Id : 32718729111 Question Type : SUBJECTIVE Consider As Subjective : Yes

Correct Marks : 10

Discuss the role of the following interventions in the management of traumatic brain injury:

- a) Decompressive craniectomy. [4]
- b) Tranexamic acid. [3]
- c) Multimodality monitoring. [3]

Question Number : 9 Question Id : 32718729112 Question Type : SUBJECTIVE Consider As Subjective : Yes

Correct Marks : 10

Myasthenia gravis:

- a) Diagnosis. [4]
- b) ICU management. [6]

Question Number : 10 Question Id : 32718729113 Question Type : SUBJECTIVE Consider As Subjective : Yes

Correct Marks : 10

Elucidate the measures you would take to reverse / manage the coagulopathy in a patient with an intracerebral hematoma who is taking:

- a) Warfarin. [2]
- b) Dabigatran. [2]
- c) Apixaban. [2]
- d) Enoxaparin. [2]
- e) Aspirin and clopidogrel. [2]