

# National Board of Examinations

Question Paper Name :	DrNB Neuro Anaesthesia Paper3
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## DrNB Neuro Anaesthesia Paper3

Group Number :	1
Group Id :	3271872783
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 Paper3

Section Id :	3271872786
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 :	3271872790
Question Shuffling Allowed :	No

Question Number : 1 Question Id : 32718729114 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. Awake craniotomy:

- a) Indications and contraindications. [3]
- b) Preoperative preparations. [2]
- c) Anaesthesia management. [5]

**Question Number : 2 Question Id : 32718729115 Question Type : SUBJECTIVE Consider As Subjective : Yes**

**Correct Marks : 10**

Delayed cerebral ischemia after subarachnoid haemorrhage:

- a) Diagnosis. [4]
- b) Management. [6]

**Question Number : 3 Question Id : 32718729116 Question Type : SUBJECTIVE Consider As Subjective : Yes**

**Correct Marks : 10**

Paroxysmal sympathetic hyperactivity:

- a) Causes. [3]
- b) Diagnosis. [3]
- c) Management. [4]

**Question Number : 4 Question Id : 32718729117 Question Type : SUBJECTIVE Consider As Subjective : Yes**

**Correct Marks : 10**

Intraoperative hypotension during craniotomy procedures:

- a) Causes. [4]
- b) Management. [6]

**Question Number : 5 Question Id : 32718729118 Question Type : SUBJECTIVE Consider As Subjective : Yes**

**Correct Marks : 10**

Anaesthesia for sitting position neurosurgery:

- a) Indications and contraindications. [3]

- b) Advantages. [3]
- c) Complications. [4]

**Question Number : 6 Question Id : 32718729119 Question Type : SUBJECTIVE Consider As Subjective : Yes**

**Correct Marks : 10**

- a) Regression analysis. [4]
- b) Forest plot. [3]
- c) Funnel plot. [3]

**Question Number : 7 Question Id : 32718729120 Question Type : SUBJECTIVE Consider As Subjective : Yes**

**Correct Marks : 10**

A 12-month-old, 7.0 kg infant with Apert syndrome, bilateral coronal and lambdoidal craniosynostosis is scheduled for a total calvarial vault reconstruction.

- a) Enumerate the perioperative concerns for this patient. [5]
- b) Discuss the blood loss management strategy for this patient. [5]

**Question Number : 8 Question Id : 32718729121 Question Type : SUBJECTIVE Consider As Subjective : Yes**

**Correct Marks : 10**

Evoked potential monitoring:

- a) Role in neurosurgery. [3]
- b) Types of different evoked potential monitoring techniques. [3]
- c) Anaesthesia management for evoked potential monitoring. [4]

**Question Number : 9 Question Id : 32718729122 Question Type : SUBJECTIVE Consider As Subjective : Yes**

**Correct Marks : 10**

- a) Criteria for diagnosis of brain death. [5]
- b) Postcardiac arrest neuroprognostication. [5]

**Question Number : 10 Question Id : 32718729123 Question Type : SUBJECTIVE Consider As Subjective : Yes**

**Correct Marks : 10**

- a) Cerebral hyperperfusion syndrome. [5]
- b) Circulatory arrest for flow control during cerebrovascular surgeries. [5]