

# National Board of Examinations

<b>Question Paper Name :</b>	DrNB Neuro Anaesthesia Paper2
<b>Subject Name :</b>	DrNB Neuro Anaesthesia Paper2
<b>Creation Date :</b>	2022-06-25 17:19:59
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## DrNB Neuro Anaesthesia Paper2

<b>Group Number :</b>	1
<b>Group Id :</b>	3271871137
<b>Group Maximum Duration :</b>	0
<b>Group Minimum Duration :</b>	180
<b>Show Attended Group? :</b>	No
<b>Edit Attended Group? :</b>	No
<b>Break time :</b>	0
<b>Group Marks :</b>	100
<b>Is this Group for Examiner? :</b>	No
<b>Examiner permission :</b>	Cant View
<b>Show Progress Bar? :</b>	No

## DrNB Neuro Anaesthesia Paper2

<b>Section Id :</b>	3271871140
<b>Section Number :</b>	1

**Section type :** Offline  
**Mandatory or Optional :** Mandatory  
**Number of Questions to be attempted :** 10  
**Section Marks :** 100  
**Enable Mark as Answered Mark for Review and Clear Response :** Yes  
**Maximum Instruction Time :** 0  
**Sub-Section Number :** 1  
**Sub-Section Id :** 3271871144  
**Question Shuffling Allowed :** No

**Question Number : 1 Question Id : 32718710422 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**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) Describe the anesthetic management of a 5-year old child with posterior fossa tumor. [7]
- b) Enumerate the position related complications that might be encountered. [3]

**Question Number : 2 Question Id : 32718710423 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

- a) What is venous air embolism (VAE)? [2]
- b) What are the different modalities available for the diagnosis of VAE? [5]
- c) How do you manage intraoperative VAE? [3]

**Question Number : 3 Question Id : 32718710424 Question Type : SUBJECTIVE Consider As**

**Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

Describe the anesthetic management of a pregnant female at third trimester and posted for intracranial aneurysmal clipping. [10]

**Question Number : 4 Question Id : 32718710425 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

- a) Mention the indications for carotid endarterectomy [CEA]. [3]
- b) Discuss the anesthetic management in a patient undergoing CEA. [7]

**Question Number : 5 Question Id : 32718710426 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

Describe the perioperative management of 52 year old patient with large skull base tumor undergoing cerebral bypass surgery. [10]

**Question Number : 6 Question Id : 32718710427 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

- a) What are the indications for deep brain stimulation surgery? [3]
- b) Write briefly about the anesthetic implications of a 70 year old patient with Parkinson's disease undergoing DBS surgery. [7]

**Question Number : 7 Question Id : 32718710428 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

- a) What are the contraindications for subjecting a patient to awake craniotomy with justification? [5]
- b) Describe the cortical stimulation during the awake craniotomy. [5]

**Question Number : 8 Question Id : 32718710429 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

Regional anesthesia in neurosurgery. [10]

**Question Number : 9 Question Id : 32718710430 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

Describe on the screening and maintenance of brain-dead organ donors in the neurointensive care units. [5+5]

**Question Number : 10 Question Id : 32718710431 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

a) Describe the causes of delayed extubation following posterior fossa neurosurgery. [5]

b) How do you define extubation failure in a neurointensive care unit (neuro-ICU)? What are the causes of extubation failure in the neuro-ICU? [2+3]