

# National Board of Examinations

<b>Question Paper Name :</b>	DrNB Neuro Anaesthesia Paper3
<b>Subject Name :</b>	DrNB Neuro Anaesthesia Paper3
<b>Creation Date :</b>	2024-05-17 19:21:56
<b>Duration :</b>	180
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<b>Actual Answer Key :</b>	No

## DrNB Neuro Anaesthesia Paper3

<b>Group Number :</b>	1
<b>Group Id :</b>	3271871994
<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>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 Paper3

<b>Section Id :</b>	3271871997
<b>Section Number :</b>	1
<b>Section type :</b>	Offline

<b>Mandatory or Optional :</b>	Mandatory
<b>Number of Questions to be attempted :</b>	10
<b>Section Marks :</b>	100
<b>Enable Mark as Answered Mark for Review and Clear Response :</b>	Yes
<b>Maximum Instruction Time :</b>	0
<b>Sub-Section Number :</b>	1
<b>Sub-Section Id :</b>	3271872001
<b>Question Shuffling Allowed :</b>	No
<b>Is Section Default? :</b>	null

**Question Number : 1 Question Id : 32718719582 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**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. Describe the utilities of transcranial ultrasonography in neurocritical care practice. [10]

**Question Number : 2 Question Id : 32718719583 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 10**

Discuss the anaesthetic concerns and management of an obese and claustrophobic adult patient with a history of anterior cervical discectomy and fusion posted now for magnetic resonance imaging (MRI) of brain. [10]

**Question Number : 3 Question Id : 32718719584 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 10**

a) Describe the attributes of Enhanced Recovery After Surgery (ERAS) protocol. [3]

b) Describe its perspectives in the context of neuro-anesthesia. [7]

**Question Number : 4 Question Id : 32718719585 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 10**

a) Describe the clinical presentation of acromegaly. [4]

b) Discuss the anesthetic management of 30 years old female with acromegaly posted for trans nasal transsphenoidal pituitary surgery. [6]

**Question Number : 5 Question Id : 32718719586 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 10**

a) What is secondary brain injury? [3]

b) Describe the management strategies for prevention of secondary brain injury following brain trauma. [7]

**Question Number : 6 Question Id : 32718719587 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 10**

a) Classify newer oral anticoagulants. [4]

b) Describe their advantages and disadvantages in the interventional neuroradiology suite. [6]

**Question Number : 7 Question Id : 32718719588 Question Type : SUBJECTIVE Consider As**

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

**Correct Marks : 10**

Describe the perioperative diabetes control in a patient undergoing supratentorial tumour surgery. [10]

**Question Number : 8 Question Id : 32718719589 Question Type : SUBJECTIVE Consider As**

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

**Correct Marks : 10**

Write the current role of steroids in perioperative neurosurgical practices. [10]

**Question Number : 9 Question Id : 32718719590 Question Type : SUBJECTIVE Consider As**

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

**Correct Marks : 10**

Write the management strategy for hypotension in brain dead organ donors. [10]

**Question Number : 10 Question Id : 32718719591 Question Type : SUBJECTIVE Consider As**

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

**Correct Marks : 10**

a) Write the indications of anaesthesia for GammaKnife radiosurgery. [3]

b) Describe the anaesthetic management in a 5-year-old child undergoing GammaKnife radiosurgery in a GammaKnife suite. [7]