

# National Board of Examinations

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| <b>Question Paper Name :</b>                   | DrNB Neuro Anaesthesia Paper1 |
| <b>Subject Name :</b>                          | DrNB Neuro Anaesthesia Paper1 |
| <b>Creation Date :</b>                         | 2022-12-22 22:33:38           |
| <b>Duration :</b>                              | 180                           |
| <b>Share Answer Key With Delivery Engine :</b> | No                            |
| <b>Actual Answer Key :</b>                     | No                            |

## DrNB Neuro Anaesthesia Paper1

|                                      |            |
|--------------------------------------|------------|
| <b>Group Number :</b>                | 1          |
| <b>Group Id :</b>                    | 3271871441 |
| <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 Paper1

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|-------------------------|------------|
| <b>Section Id :</b>     | 3271871444 |
| <b>Section Number :</b> | 1          |
| <b>Section type :</b>   | 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 :** 3271871448

**Question Shuffling Allowed :** No

**Is Section Default? :** null

**Question Number : 1 Question Id : 32718713492 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. a) Write briefly on tranexamic acid? [3]
- b) Describe its role in neuroanaesthesia practice. [7]

**Question Number : 2 Question Id : 32718713493 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 are modalities of intraoperative neurophysiologic monitoring? [3]
- b) Describe in detail about the motor evoked potential monitoring in neurosurgery. [7]

**Question Number : 3 Question Id : 32718713494 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 anatomy of the sensory innervation of the scalp, cranium and brain. [4]
- b) Describe different methods of pain assessment in neurosurgery. [6]

**Question Number : 4 Question Id : 32718713495 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) Differentiate between myasthenic crisis and cholinergic crisis using clinical and lab tests. [5]
- b) Describe in brief salient features in management of each of the above conditions. [5]

**Question Number : 5 Question Id : 32718713496 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) Define fluid responsiveness. [2]
- b) Describe different parameters of fluid responsiveness. [8]

**Question Number : 6 Question Id : 32718713497 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) Define severe traumatic brain injury. [2]
- b) Discuss intensive care monitoring in a patient with severe head injury. [8]

**Question Number : 7 Question Id : 32718713498 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) How the operating room temperature is maintained? [3]
- b) Write short notes on different types of warming methods used in the neurosurgical operating room. [7]

**Question Number : 8 Question Id : 32718713499 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) Define factors affecting the cerebral blood flow. [5]
- b) Describe methods to monitor cerebral blood flow. [5]

**Question Number : 9 Question Id : 32718713500 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 procedure of stellate ganglion block. [5]
- b) Write its indications and complications. [5]

**Question Number : 10 Question Id : 32718713501 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 anatomy of the craniovertebral junction (CVJ). [3]
- b) Discuss the causes of CVJ anomaly and the anesthetic implications. [3+4]