

# National Board of Examinations

<b>Question Paper Name :</b>	DrNB Neuro Surgery Paper3
<b>Subject Name :</b>	DrNB Neuro Surgery Paper3
<b>Creation Date :</b>	2023-04-26 22:40:34
<b>Duration :</b>	180
<b>Share Answer Key With Delivery Engine :</b>	No
<b>Actual Answer Key :</b>	No

## DrNB Neuro Surgery Paper3

<b>Group Number :</b>	1
<b>Group Id :</b>	327187758
<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 Surgery Paper3

<b>Section Id :</b>	327187761
<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>	327187765
<b>Question Shuffling Allowed :</b>	No
<b>Is Section Default? :</b>	null

**Question Number : 1 Question Id : 3271876662 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 10**

1. Discuss neurological complications of:

- a) Decompressive craniectomy. [3]
- b) Deep brain stimulation. [3]
- c) Ventriculo-peritoneal shunt. [4]

**Question Number : 2 Question Id : 3271876663 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) Draw a labelled diagram of transverse section of the upper midbrain. [4]
- b) Parinaud's syndrome and its clinical correlates. [4]
- c) Aqueductoplasty. [2]

**Question Number : 3 Question Id : 3271876664 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) Percutaneous endoscopic discectomy. [5]
- b) Dynamic stabilisation of lumbar spine. [5]

**Question Number : 4 Question Id : 3271876665 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) Techniques of ICP monitoring. [3]
- b) Trans-cranial Doppler. [3]
- c) Brain stem evoked potential. [4]

**Question Number : 5 Question Id : 3271876666 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) Anatomy of cranio-vertebral junction. [3]
- b) Clinical features of C2 dumbbell neurofibroma. [4]
- c) Management of C2 dumbbell neurofibroma. [3]

**Question Number : 6 Question Id : 3271876667 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 pathophysiology and grading of spasticity. [5]
- b) Discuss various options of management of spasticity. [5]

**Question Number : 7 Question Id : 3271876668 Question Type : SUBJECTIVE Consider As**

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

**Correct Marks : 10**

Neuropathic pain:

- a) Definition. [2]
- b) Etiopathogenesis. [3]
- c) Management options. [5]

**Question Number : 8 Question Id : 3271876669 Question Type : SUBJECTIVE Consider As**

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

**Correct Marks : 10**

Post Covid-19 CNS fungal infections:

- a) Causative organisms. [1]
- b) Factors responsible. [2]
- c) Clinical presentations. [3]
- d) Management. [4]

**Question Number : 9 Question Id : 3271876670 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) Uses of intraoperative ultrasound. [3]
- b) Leksell frame and its uses. [4]
- c) Neuronavigation. [3]

**Question Number : 10 Question Id : 3271876671 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) Artificial intelligence in neurosurgery. [3]
- b) Minimally invasive spinal surgery (MISS). [4]

c) Psycho-neurosurgery. [3]