

# National Board of Examinations

<b>Question Paper Name :</b>	DrNB Neuro Surgery Direct 6 years course Part 1 Paper2
<b>Subject Name :</b>	DrNB Neuro Surgery Direct 6 years course Part 1 Paper2
<b>Creation Date :</b>	2022-06-25 17:19:57
<b>Duration :</b>	180
<b>Share Answer Key With Delivery Engine :</b>	No
<b>Actual Answer Key :</b>	No

## **DrNB Neuro Surgery Direct 6 years course Part 1 Paper2**

<b>Group Number :</b>	1
<b>Group Id :</b>	3271871216
<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 Surgery Direct 6 years course Part 1 Paper2**

<b>Section Id :</b>	3271871219
---------------------	------------

**Section Number :** 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 :** 3271871223  
**Question Shuffling Allowed :** No

**Question Number : 1 Question Id : 32718711212 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) Schematic diagram of midbrain at level of inferior colliculus level (Axial section). [3]
- b) Enumerate course of Trigeminal nerve in brain stem (Schematic diagram) and its surgical importance. [4]
- c) Schematic diagram of medial surface of cerebral hemisphere. [3]

**Question Number : 2 Question Id : 32718711213 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

Discuss diagnosis and treatment algorithm for postoperative diabetes insipidus after Craniopharyngioma surgery. [5+5]

**Question Number : 3 Question Id : 32718711214 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

A 30 year old patient with severe head injury and atlantoaxial dislocation comes to emergency with GCS 3/15. His blood pressure is 70/30 mm Hg, Pulse rate is 46/min. NCCT head reveals diffuse cerebral edema with absent basal cisterns. Discuss:

- a) Diagnostic steps to diagnose brain death in above patient. [5]
- b) Prerequisites for brain death evaluation and steps you will do for corrections. [5]

**Question Number : 4 Question Id : 32718711215 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

A 70 year old patient presents to you with forgetfulness and right hemiparesis. There is history of fall in bathroom 7 days back. He is on dual antiplatelet drugs. Discuss:

- a) Diagnostic work up of this patient and treatment options. [3+3]
- b) Discuss Prothrombin Citrate Complex : mechanism of action and indications. [4]

**Question Number : 5 Question Id : 32718711216 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

Describe landmarks for identification of hand area on CT and MRI (Schematic diagram). [3]

- a) Schematic diagram of medial temporal lobe. [3]
- b) Structures removed in anteriomedial temporal lobectomy. [4]

**Question Number : 6 Question Id : 32718711217 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

- a) Terminal myelocystocele. [4]

- b) Tethered cord syndrome. [4]
- c) Classify conus lipomas. [2]

**Question Number : 7 Question Id : 32718711218 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

- a) Normal pressure hydrocephalus. [4]
- b) BASICS trial. [3]
- c) Slit Ventricle syndrome. [3]

**Question Number : 8 Question Id : 32718711219 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

A 70 year old gentleman presents with acute onset low backpain. His Serum PSA is 12 ng/ml. X ray LS spine shows L2 vertebral collapse with canal compromise. Discuss:

- a) Diagnostic work up of above patient. [5]
- b) Discuss management of this patient. [5]

**Question Number : 9 Question Id : 32718711220 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

- a) Brain Trauma Foundation Guidelines in severe head injury. [4]
- b) Cranioplasty : Discuss various types of Cranioplasty. [3]
- c) Post traumatic Hydrocephalus : Discuss etiopathogenesis and management options. [3]

**Question Number : 10 Question Id : 32718711221 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

- a) Syndromic Craniosynostosis : clinical features of various subtypes and clinical work up for diagnosis. [5]
- b) Indications of Endoscopic Surgeries in Craniosynostosis. [2]
- c) Indications of VP Shunt in Craniosynostosis. [3]