

# National Board of Examinations

<b>Question Paper Name :</b>	DrNB Neuro Surgery Paper1
<b>Subject Name :</b>	DrNB Neuro Surgery Paper1
<b>Creation Date :</b>	2024-05-15 21:33:58
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## DrNB Neuro Surgery Paper1

<b>Group Number :</b>	1
<b>Group Id :</b>	3271871989
<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 Paper1

<b>Section Id :</b>	3271871992
<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>	3271871996
<b>Question Shuffling Allowed :</b>	No
<b>Is Section Default? :</b>	null

**Question Number : 1 Question Id : 32718725823 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) Draw a neat diagram of axial section of spinal cord at cervicomedullary junction and demonstrate its cross sectional anatomy. [5]
- b) Elseberg phenomenon. [3]
- c) Clinical features of congenital craniovertebral junction anomalies. [2]

**Question Number : 2 Question Id : 32718725824 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 10**

Draw a neat diagram of floor of 4<sup>th</sup> Ventricle and discuss following:

- a) Demonstrate various Cranial nerve nuclei at 4<sup>th</sup> Ventricle floor. [5]
- b) Discuss intraaxial lesions affecting 4<sup>th</sup> ventricle floor. [3]
- c) Clinical manifestations of 4<sup>th</sup> ventricle space occupying lesions. [2]

**Question Number : 3 Question Id : 32718725825 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 diagram of Orbit (posterior aspect) showing various foramen and boundaries. [5]
- b) Structures passing through Superior orbital fissure. [3]
- c) Structures passing through inferior orbital fissure. [2]

**Question Number : 4 Question Id : 32718725826 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) Internuclear ophthalmoplegia. [3]
- b) Draw axial section of midbrain at level of tectum. [4]
- c) Clinical features of intrinsic brain stem lesions. [3]

**Question Number : 5 Question Id : 32718725827 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) Enumerate Basal cisterns. [4]
- b) Draw sagittal section showing various basal cisterns. [3]
- c) Grading of cisternal compression on Rotterdam scoring in traumatic brain injuries. [3]

**Question Number : 6 Question Id : 32718725828 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) Embryology of spinal dysraphism. [5]
- b) Limited dorsal myeloschisis. [3]
- c) Timing and dosage of folic acid in prevention of neural tube defects. [2]

**Question Number : 7 Question Id : 32718725829 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 diagram of blood brain barrier. [4]
- b) Monro Kellie doctrine. [3]
- c) Lund hypothesis for cerebral perfusion pressure management. [3]

**Question Number : 8 Question Id : 32718725830 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) Cerebral autoregulation [5]
- b) Pathophysiology of cerebral edema. [5]

**Question Number : 9 Question Id : 32718725831 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) False localizing signs in neurosurgery. [5]
- b) Enumerate clinical conditions causing false localizing signs. [5]

**Question Number : 10 Question Id : 32718725832 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) Newer antiepileptic drugs. [5]

b) BTF 2016 guidelines on timing and indications of antiepileptic drugs in adults and pediatric age group. [5]