

# National Board of Examinations

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| <b>Question Paper Name :</b>                   | DrNB Neuro Surgery Paper1 |
| <b>Subject Name :</b>                          | DrNB Neuro Surgery Paper1 |
| <b>Creation Date :</b>                         | 2022-06-25 17:18:45       |
| <b>Duration :</b>                              | 180                       |
| <b>Share Answer Key With Delivery Engine :</b> | No                        |
| <b>Actual Answer Key :</b>                     | No                        |

## DrNB Neuro Surgery Paper1

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|--------------------------------------|------------|
| <b>Group Number :</b>                | 1          |
| <b>Group Id :</b>                    | 3271871133 |
| <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 Paper1

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|-------------------------|------------|
| <b>Section Id :</b>     | 3271871136 |
| <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>   | 3271871140 |
| <b>Question Shuffling Allowed :</b>                                 | No         |

**Question Number : 1 Question Id : 32718710382 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) Cold Caloric Test : Steps and Interpretations. [5]
- b) Brun Nystagmus : Pathophysiology and diagnosis. [5]

**Question Number : 2 Question Id : 32718710383 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

- a) Brain parcellations. [5]
- b) Connectomes and its importance in neurosurgery. [5]

**Question Number : 3 Question Id : 32718710384 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction**

**Time : 0**

Describe briefly microsurgical anatomy of:

- a) Cavernous Sinus. [5]
- b) Dorsal root entry zone ( DREZ ) zone. [5]

**Question Number : 4 Question Id : 32718710385 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

- a) Localisation of various stages of unconsciousness. [5]
- b) Newer advances in management of Persistent Vegetative states. [5]

**Question Number : 5 Question Id : 32718710386 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

- a) Glasgow CT score. [4]
- b) Adelaide Pediatric Coma Score. [4]
- c) Pitfalls of Glasgow Coma Score. [2]

**Question Number : 6 Question Id : 32718710387 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

- a) Neurofibromatosis type 2. [4]
- b) Os Odontoideum. [2]
- c) Embryogenesis of C2 vertebra. [4]

**Question Number : 7 Question Id : 32718710388 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

- a) Trigeminal ( 5<sup>th</sup> ) Cranial Nerve Nuclei of its origin. [2]
- b) Intracranial Course. [3]

- c) Supply areas. [3]
- d) Surgical importance. [2]

**Question Number : 8 Question Id : 32718710389 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

- a) Split cord malformations : Classification. [3]
- b) Limited Dorsal Myeloschisis. [3]
- c) Secondary neurulation disorders. [2]
- d) Primary neurulation disorders. [2]

**Question Number : 9 Question Id : 32718710390 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

- a) Pathophysiology and treatment of Growing skull fractures. [5]
- b) Compound depressed fractures over sinus region. [5]

**Question Number : 10 Question Id : 32718710391 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

- a) Midodrine. [2]
- b) Fosphenytoin vs Phenytoin. [2]
- c) Management of brain dead potential organ donor. [6]