

# 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>	2022-12-26 13:13:30
<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>	3271871333
<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>	3271871336
<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>	3271871340
<b>Question Shuffling Allowed :</b>	No
<b>Is Section Default? :</b>	null

**Question Number : 1 Question Id : 32718712382 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) Gamma knife. [3]
- b) Cyber knife. [3]
- c) SRS. [4]

**Question Number : 2 Question Id : 32718712383 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 10**

Role of Nanotechnology in Neurosurgery. [10]

**Question Number : 3 Question Id : 32718712384 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 is Intractable pain? [5]
- b) Surgery for intractable pain. [5]

**Question Number : 4 Question Id : 32718712385 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) Intra-operative MRI. [5]
- b) Robotic Stereotactic computer assisted Neurosurgery. [5]

**Question Number : 5 Question Id : 32718712386 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) Functional Neuro surgery. [5]
- b) Surgical management of functional neuro surgical diseases. [5]

**Question Number : 6 Question Id : 32718712387 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 10**

CSF findings of:

- a) Pyogenic meningitis. [4]
- b) Tubercular meningitis. [3]
- c) SAH. [3]

**Question Number : 7 Question Id : 32718712388 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) Biplane DSA. [5]
- b) Endovascular management of Spinal disorders. [5]

**Question Number : 8 Question Id : 32718712389 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) Spinothalamic Tract. [5]
- b) Tract of Lissaurers. [5]

**Question Number : 9 Question Id : 32718712390 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 anti epileptic drugs. [5]
- b) Surgical management of epilepsy. [5]

**Question Number : 10 Question Id : 32718712391 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

**Correct Marks : 10**

Describe various parasitic infection of brain and its clinical manifestation and management. [10]