

National Board of Examinations

Question Paper Name :	DrNB Neuro Surgery Direct 6 years course Part 2 Paper3
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Actual Answer Key :	No

DrNB Neuro Surgery Direct 6 years course Part 2 Paper3

Group Number :	1
Group Id :	3271872117
Group Maximum Duration :	0
Group Minimum Duration :	180
Show Attended Group? :	No
Edit Attended Group? :	No
Group Marks :	100
Is this Group for Examiner? :	No
Examiner permission :	Cant View
Show Progress Bar? :	No

DrNB Neuro Surgery Direct 6 years course Part 2 Paper2

Section Id :	3271872120
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 :	3271872124
Question Shuffling Allowed :	No
Is Section Default? :	null

Question Number : 1 Question Id : 32718721343 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. Discuss neurological complications of:

- Decompressive craniectomy. [3]
- Deep brain stimulation. [3]
- Ventriculo-peritoneal shunt. [4]

Question Number : 2 Question Id : 32718721344 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 : 32718721345 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 : 32718721346 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 : 32718721347 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 : 32718721348 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 : 32718721349 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 : 32718721350 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 : 32718721351 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 : 32718721352 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]