

National Board of Examinations

Question Paper Name :	DrNB Neuro Surgery Paper3
Subject Name :	DrNB Neuro Surgery Paper3
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Share Answer Key With Delivery Engine :	No
Actual Answer Key :	No

DrNB Neuro Surgery Paper3

Group Number :	1
Group Id :	3271871991
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 Paper3

Section Id :	3271871994
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 :	3271871998
Question Shuffling Allowed :	No
Is Section Default? :	null

Question Number : 1 Question Id : 32718719552 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) Deep Brain Stimulation in Epilepsy. [5]
- b) Lesioning in neurosurgery. [5]

Question Number : 2 Question Id : 32718719553 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) Focal cortical dysplasia classifications. [2]
- b) Diagnostic work up of a suspected case of FCD. [4]
- c) Treatment of FCD. [4]

Question Number : 3 Question Id : 32718719554 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 Recommendations of Brain Trauma Foundation in traumatic brain injury management in adults. [5]
- b) Newer Recommendations of Brain Trauma Foundation in traumatic brain injury management in pediatric age group. [5]

Question Number : 4 Question Id : 32718719555 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) Pathophysiology of Parkinson's disease. [5]
- b) Ablative procedures for Parkinson's disease. [2]
- c) Complications of DBS. [3]

Question Number : 5 Question Id : 32718719556 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) Principle of Radiosurgery in arteriovenous malformations. [4]
- b) Cyberknife in Neurosurgery. [3]
- c) Proton beam therapy in pediatric brain tumors. [3]

Question Number : 6 Question Id : 32718719557 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) Standard Temporal lobectomy. [3]

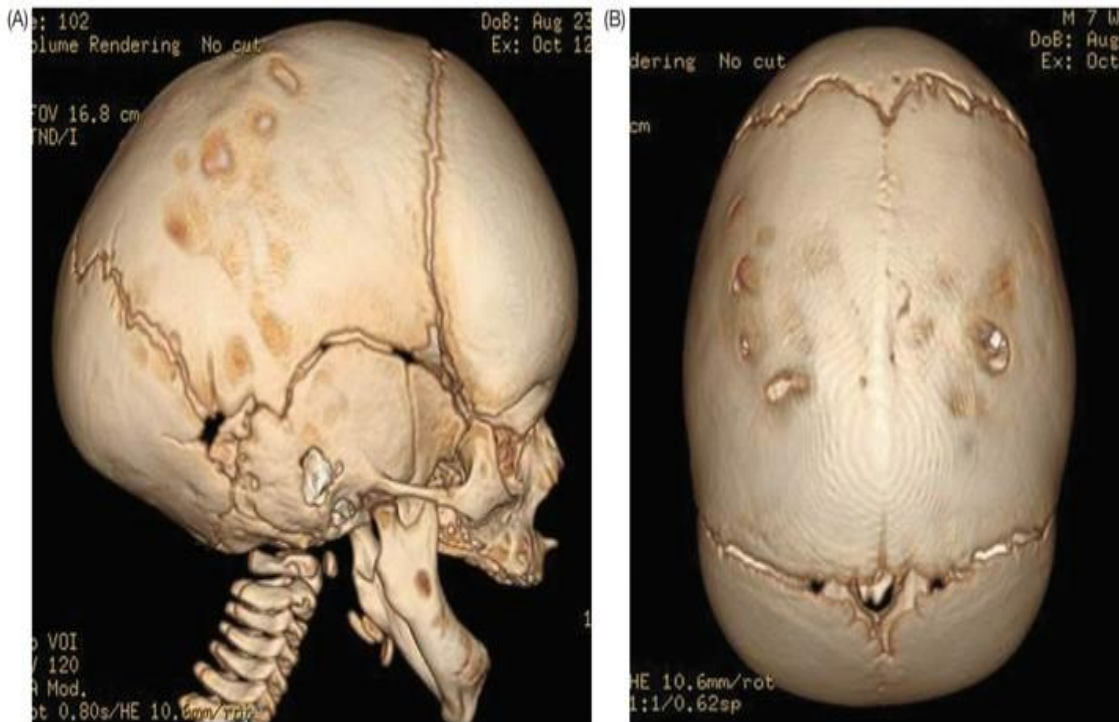
- b) Selective amygdalohippocampectomy. [3]
- c) Surgery for non-temporal epilepsy. [2]
- d) Wada test. [2]

Question Number : 7 Question Id : 32718719558 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

Clinical diagnosis in a patient with the following images:

- a) Radiological diagnosis and expected clinical features in this case. [3]
- b) Cephalic index. [2]
- c) Surgical management options in 9 month old child with this clinical condition. [5]



Question Number : 8 Question Id : 32718719559 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) Management of an 85 year old male patient with severe traumatic brain injury presenting with GCS score 7/15, Blood pressure 180/60mmHg and Pulse rate 65/min. [4]
- b) Frailty index in elderly. [3]
- c) Role of middle meningeal artery embolisation in chronic subdural hematomas. [3]

Question Number : 9 Question Id : 32718719560 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) Etiopathogenesis of mycotic cerebral aneurysms. [5]
- b) Management of mycotic aneurysms. [5]

Question Number : 10 Question Id : 32718719561 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 see the imaging study carried out in a 15-year-old female patient presenting to the emergency in an unconscious status after initial headache. Discuss briefly:

- a) Radiological findings. [2]
- b) Role of Gamma knife. [2]
- c) Role of Endovascular therapies. [2]
- d) Surgical nuances. [2]
- e) Postoperative care. [2]

