

National Board of Examinations

Question Paper Name :	DrNB Neuro Surgery Direct 6 years course Part 1 Paper2
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Share Answer Key With Delivery Engine :	No
Actual Answer Key :	No

DrNB Neuro Surgery Direct 6 years course Part 1 Paper2

Group Number :	1
Group Id :	3271872079
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 1 Paper2

Section Id :	3271872082
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 :	3271872086
Question Shuffling Allowed :	No
Is Section Default? :	null

Question Number : 1 Question Id : 32718720522 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. Draw a neat diagram of axial section of thoracic spinal cord and discuss following:

- Cross sectional anatomy of spinal cord at midthoracic spinal cord. [5]
- Brown-Sequard Syndrome. [3]
- Clinical features of intramedullary lesion at D7 vertebral level. [2]

Question Number : 2 Question Id : 32718720523 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 precisely about VII Cranial Nerve.

a) Anatomical course and it's relations with other Neurovascular structures. [5]

b) Facial Nerve involvement in different pathological conditions. [5]

Question Number : 3 Question Id : 32718720524 Question Type : SUBJECTIVE Consider As Subjective : Yes Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 10

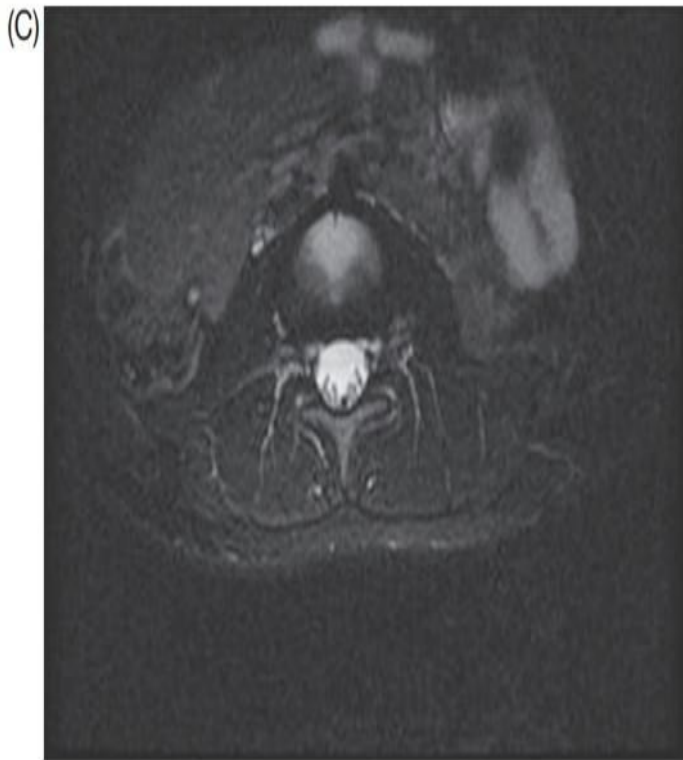
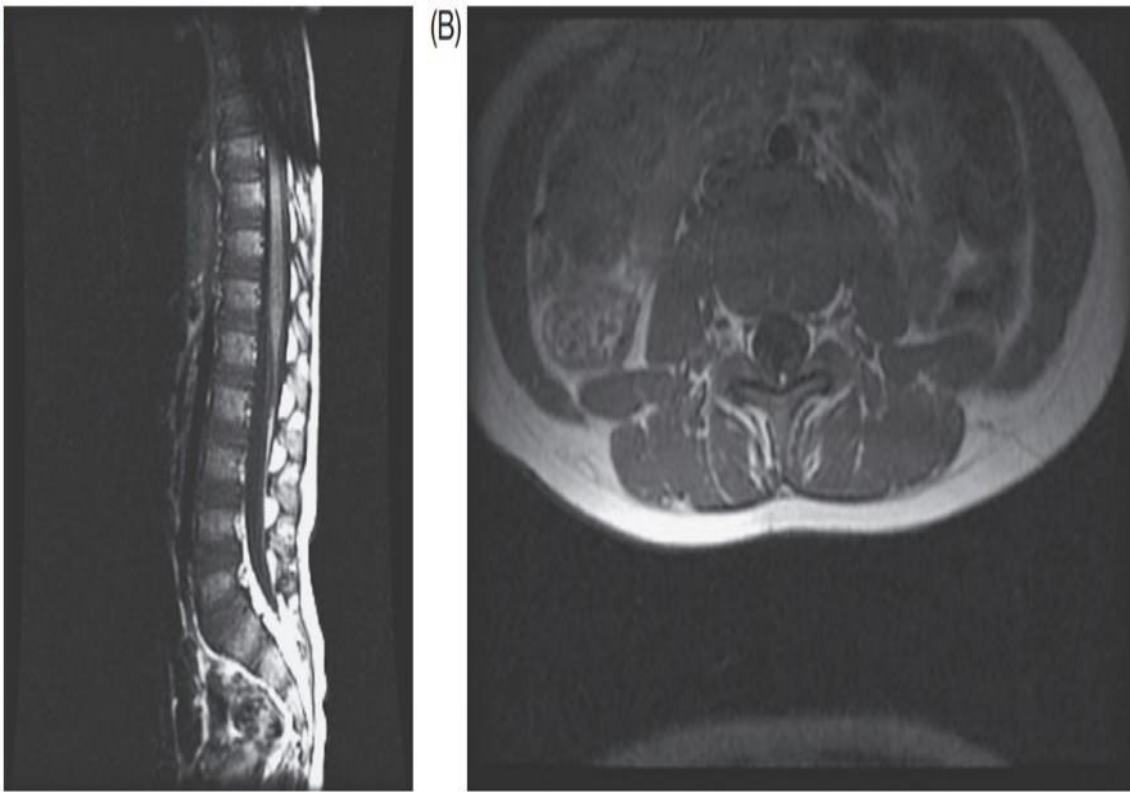
A 4-year-old boy and his mother present to the child's paediatrician, complaining of secondary urinary incontinence with multiple night and daytime incidence per week and 1 urinary tract infection, a year after achieving complete continence. Detailed neurological and musculoskeletal examination by the neurosurgeon reveals very subtle asymmetry of the calves, feet and limb length, with bilateral high arches and moderately tense Achilles tendons. Please answer the following:

a) Radiological diagnosis. [2]

b) Cutaneous stigmata seen in such cases. [2]

c) Timing of surgery. [2]

d) Role of intraoperative neuromonitoring. [4]



Question Number : 4 Question Id : 32718720525 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 briefly about intracranial pressure:

a) Pathogenesis and clinical features of raised intracranial pressure. [5]

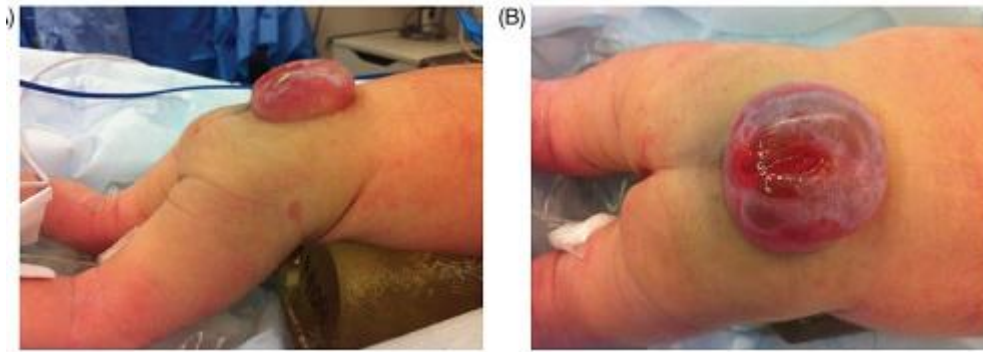
b) Various types of cerebral edema. [5]

Question Number : 5 Question Id : 32718720526 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 female new born infant born at 38 weeks gestation via uneventful Caesarean section has presented with swelling over low back. Please answer the following:

- a) Clinical diagnosis. [2]
- b) What is the best time to operate this child? [2]
- c) Management of rupture with CSF leak from this swelling. [4]
- d) Radiological investigations to be done in this case. [2]



Question Number : 6 Question Id : 32718720527 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 : 32718720528 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 perfusion pressure. [5]

b) Monro Kellie doctrine. [5]

Question Number : 8 Question Id : 32718720529 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) Clinical manifestations of typical and atypical trigeminal neuralgia. [4]
- b) Medical treatment of trigeminal neuralgia. [3]
- c) Surgical management of trigeminal neuralgia. [3]

Question Number : 9 Question Id : 32718720530 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. [4]
- b) Enumerate clinical conditions causing false localizing signs. [3]
- c) Neurofibromatosis type 1 cutaneous stigma. [3]

Question Number : 10 Question Id : 32718720531 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) Chemotherapy regimen for pediatric medulloblastomas. [3]
- b) BTF 2016 guidelines on timing and indications of antiepileptic drugs in pediatric age group. [5]
- c) Role of steroids in traumatic brain injury. [2]