

National Board of Examinations

Question Paper Name : DrNB Neuro Surgery Paper2
Subject Name : DrNB Neuro Surgery Paper2
Duration : 180
Total Marks : 100
Display Marks: No

Maximum Instruction Time : 0

Question Number : 1 Question Id : 32718741054 Consider As Subjective : Yes

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. Split cord malformation:

- Embryology. [4]
- Classification. [3]
- Management. [3]

Question Number : 2 Question Id : 32718741055 Consider As Subjective : Yes

Describe with the help of a diagram:

- Central cord syndrome. [2.5]
- Brown-Sequard syndrome. [2.5]

- c) Cauda equina syndrome. [2.5]
- d) Conus medullaris syndrome. [2.5]

Question Number : 3 Question Id : 32718741056 Consider As Subjective : Yes

Elaborate entrapment neuropathy. [10]

Question Number : 4 Question Id : 32718741057 Consider As Subjective : Yes

A 52-year-old male presented to the clinic with headache which was only partially relieved on medication. Imaging revealed an unruptured aneurysm on the MCA. Discuss factors to be considered while planning further management. [10]

Question Number : 5 Question Id : 32718741058 Consider As Subjective : Yes

An 8-year-old boy presented to the clinic with neck tilt, restriction of neck movements and progressive spastic quadriparesis. Further evaluation revealed a craniovertebral junction anomaly. Elaborate on the embryological basis, relevant applied anatomy and treatment options for this patient. [4+3+3]

Question Number : 6 Question Id : 32718741059 Consider As Subjective : Yes

A 28-year-old male presented to the emergency with progressively worsening holo-cranial headache for one month with repetitive episodes of vomiting for last one week. NCCT head done on emergency basis has revealed a solid cystic tumor in the posterior fossa with hydrocephalus. Discuss the management plan and surgical approaches for this patient. [10]

Question Number : 7 Question Id : 32718741060 Consider As Subjective : Yes

A 32-year-old male met with an accident when his bike skid in rainy weather as the roads were slippery. When evaluated in the emergency, he was conscious, alert, oriented but unable to move his right upper limb, raising suspicion of a brachial plexus injury.

- a) Elaborate upon various patterns of brachial plexus injury with anatomical co-relation. [5]
- b) Discuss (using a flowchart) management plan in such cases. [5]

Question Number : 8 Question Id : 32718741061 Consider As Subjective : Yes

A 38-year-old female presented to the clinic with frontal headache, painless progressive diminution of vision in both eyes. Confrontation test performed in the clinic confirmed a bitemporal hemianopia. Discuss further management plan, treatment option and surgical approaches in such a scenario. [4+3+3]

Question Number : 9 Question Id : 32718741062 Consider As Subjective : Yes

A 6-year-old boy presented to the clinic with squint, multiple bilateral LMN cranial nerve palsies, difficulty in maintaining balance, and increase tone in all four limbs. Discuss possible differential diagnosis, management plan and surgical approaches in such a clinical scenario. [3+3+4]

Question Number : 10 Question Id : 32718741063 Consider As Subjective : Yes

Classification of hydrocephalus in reference to age, pathophysiology and its application in management and decision making of case. [5+5]