

National Board of Examinations

Question Paper Name : DrNB Neuro Surgery Paper3
Subject Name : DrNB Neuro Surgery Paper3
Duration : 180
Total Marks : 100
Display Marks: No

Maximum Instruction Time : 0

Question Number : 1 Question Id : 32718741064 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. Discuss anatomical basis, grading system and treatment options for a patient suffering from spasticity. [4+2+4]

Question Number : 2 Question Id : 32718741065 Consider As Subjective : Yes

A 48-year-old female has presented to the clinic with low backache, radiating pain in both lower limbs and symptoms suggestive of claudication for last 1.5 years. Elaborate upon your plan with regard to differential diagnosis and management of such a case with possible lumbar canal stenosis. Also, discuss with respect to surgical treatment options available. [5+5]

Question Number : 3 Question Id : 32718741066 Consider As Subjective : Yes

Discuss the role, importance and limitations of intra-operative neuromonitoring. [4+3+3]

Question Number : 4 Question Id : 32718741067 Consider As Subjective : Yes

Artificial intelligence and machine learning, and their possible applications in neurosurgery. [10]

Question Number : 5 Question Id : 32718741068 Consider As Subjective : Yes

Elaborate the various neurovascular conditions where DSA is applicable. Mention the clinical features of dissection and its management. [5+5]

Question Number : 6 Question Id : 32718741069 Consider As Subjective : Yes

- a) Optic nerve decompression. [5]
- b) Growing skull fracture. [5]

Question Number : 7 Question Id : 32718741070 Consider As Subjective : Yes

Drug resistant epilepsy (DRE): Definition, evaluation and treatment options. [2+4+4]

Question Number : 8 Question Id : 32718741071 Consider As Subjective : Yes

Moya moya disease: clinical presentation, pathophysiology, diagnostic work up and treatment options. [3+2+2+3]

Question Number : 9 Question Id : 32718741072 Consider As Subjective : Yes

Approaches to lesions at the petrous apex. [10]

Question Number : 10 Question Id : 32718741073 Consider As Subjective : Yes

Encephalocele. [10]