

National Board of Examinations

Question Paper Name : DrNB Neuro Surgery Paper3

Is this Group for Examiner? : No

Enable Mark as Answered Mark for Review and Clear Response : Yes

Question Number : 1 Question Type : SUBJECTIVE

- a) Definition and grading of spasticity. [5]
- b) Treatment options for the management of spasticity. [5]

Question Number : 2 Question Type : SUBJECTIVE

Fungal infection of brain:

- a) Clinical features. [3]
- b) Radiological features. [3]
- c) Management. [4]

Question Number : 3 Question Type : SUBJECTIVE

Extended skull base endoscopic approach in neurosurgery:

- a) Indications. [3]
- b) Stages in surgical procedure. [4]
- c) Vascular complications. [3]

Question Number : 4 Question Type : SUBJECTIVE

Microvascular decompression:

- a) Indications. [3]
- b) Key surgical steps. [4]

c) Complications. [3]

Question Number : 5 Question Type : SUBJECTIVE

Stereotactic radiosurgery (SRS) for arterio-venous malformation (AVM):

- a) Patient selection. [3]
- b) Comparison with surgical management. [4]
- c) Biological basis of SRS. [3]

Question Number : 6 Question Type : SUBJECTIVE

Deep brain stimulation (DBS):

- a) Indications. [3]
- b) Key surgical steps. [4]
- c) Complications. [3]

Question Number : 7 Question Type : SUBJECTIVE

- a) Robotic neurosurgery. [5]
- b) Optical coherence tomography. [5]

Question Number : 8 Question Type : SUBJECTIVE

Discuss various surgical adjuncts used for maximizing extent of tumor resection and minimizing postoperative neurological deficits, in glioma surgery. [10]

Question Number : 9 Question Type : SUBJECTIVE

Drug resistant epilepsy:

- a) Preoperative evaluation. [5]
- b) Surgical techniques for managing drug resistant epilepsy. [5]

Question Number : 10 Question Type : SUBJECTIVE

- a) Diffusion tensor imaging (DTI) in neurosurgery. [5]
- b) Management of post traumatic cerebrospinal fluid (CSF) rhinorrhea. [5]