

# National Board of Examinations

**Question Paper Name :** DrNB Neuro Surgery Paper1  
**Subject Name :** DrNB Neuro Surgery Paper1  
**Duration :** 180  
**Total Marks :** 100  
**Display Marks:** No

**Maximum Instruction Time :** 0

**Question Number : 1 Question Id : 32718741044 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. A 45-year-old female patient has presented to the OPD with complaint of headache, tinnitus and progressively worsening difficulty in hearing from left ear for the last 2 years. She has also developed deviation of left side of face for the last 8 months. Imaging has revealed a left side CP angle tumor.
- Describe the applied anatomy of facial nerve. [4]
  - Grading of facial nerve palsy. [3]
  - Localisation of facial nerve palsy using clinical examination. [3]

**Question Number : 2 Question Id : 32718741045 Consider As Subjective : Yes**

Internuclear ophthalmoplegia:

- Provide anatomical localization with diagram. [5]

- b) Clinical examination technique. [3]
- c) Discuss associated syndromes. [2]

**Question Number : 3 Question Id : 32718741046 Consider As Subjective : Yes**

Discuss the clinical application of Craniometric points in neurosurgery. [10]

**Question Number : 4 Question Id : 32718741047 Consider As Subjective : Yes**

Draw a neat well labelled diagram of thalamus showing its nuclei and connections. [10]

**Question Number : 5 Question Id : 32718741048 Consider As Subjective : Yes**

Elaborate on the contribution of Dr Gazi Yasargil to neurosurgery. [10]

**Question Number : 6 Question Id : 32718741049 Consider As Subjective : Yes**

Draw a neat labelled diagram of:

- a) Spinothalamic tract. [5]
- b) Corticospinal tract. [5]

**Question Number : 7 Question Id : 32718741050 Consider As Subjective : Yes**

Discuss role of immuno-histochemical markers in WHO classification of CNS tumors. [10]

**Question Number : 8 Question Id : 32718741051 Consider As Subjective : Yes**

Cerebral edema:

- a) Classify the types of cerebral edema. [3]
- b) Explain pathophysiology. [4]
- c) Management. [3]

**Question Number : 9 Question Id : 32718741052 Consider As Subjective : Yes**

- a) Elaborate micro-surgical applied anatomy of cavernous sinus. [4]
- b) Discuss approaches to lesions in the cavernous sinus. [6]

**Question Number : 10 Question Id : 32718741053 Consider As Subjective : Yes**

- a) Ansa cervicalis. [5]
- b) Vein of Labbe. [5]