

NEURO SURGERY**PAPER – II**

NS/D/17/21/II

Time : 3 hours
Max. Marks : 100

Important instructions:

- Attempt all questions in order.
- Each question carries 10 marks.
- Read the question carefully and answer to the point neatly and legibly.
- Do not leave any blank pages between two answers.
- Indicate the question number correctly for the answer in the margin space.
- Answer all the parts of a single question together.
- Start the answer to a question on a fresh page or leave adequate space between two answers.
- Draw table/diagrams/flowcharts wherever appropriate.

Write short notes on:

1. Encephalocoeles: 2+2+2+4
 - a) Classification.
 - b) Clinical features.
 - c) Diagnosis.
 - d) Surgical management of various encephalocoeles.
2. Giant aneurysms: 2+1+3+4
 - a) Definitions and types.
 - b) Clinical presentation.
 - c) Diagnosis.
 - d) Management.
3. Extracranial-intracranial (EC-IC) bypass procedures: 3+4+3
 - a) Indications
 - b) Various types of vascular bypass procedures
 - c) Outcome and complications.
4. Surgical management of brain AVM 2+3+3+2
 - a) Indications
 - b) Surgical strategies
 - c) Adjuvant procedures to facilitate AVM resection
 - d) Complication avoidance
5. Lumbar degenerative diseases: 2+3+2+3
 - a) Various types
 - b) Clinical features and diagnosis
 - c) Medical management
 - d) Surgical Management

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6. Vertebral haemangioma 2+2+2+4
a) Clinical presentation
b) Pathology
c) Diagnosis
d) Management
7. Brain cavernomas: 3+2+5
a) Pathology
b) Diagnostic procedures
c) Management
8. Peripheral nerve tumours: 2+2+3+3
a) Classifications
b) Clinical presentation/Diagnosis
c) Surgical management
d) Intra-operative monitoring
9. Congenital craniovertebral junction anomalies: 2+2+2+4
a) Classification
b) Clinical presentation
c) Diagnostic procedures
d) Management
10. Hangman's fracture: 2+3+5
a) Presentation
b) Diagnostic procedures
c) Management