

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

P.T.O.

NEURO SURGERY

PAPER – II

- | | | |
|-----|--|---------|
| 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 | |