

NEURO SURGERY
PAPER-II

NS/J/18/21/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. Spinal AVM: 5+2+3
 - a) Classification
 - b) Clinical presentations
 - c) Angiographic findings
2. Vain of Galen aneurysm: 4+3+3
 - a) Classification
 - b) Presentations
 - c) Treatment options based on classification
3. Dural AV Fistula: 2+2+3+3
 - a) Classification
 - b) How to suspect
 - c) Angiographic findings
 - d) Treatment options
4. Split cord malformation: 2+4+2+2
 - a) Embryological basis
 - b) Complex spina bifida
 - c) Neuro orthopedic syndrome
 - d) Treatment
5. Atlanto axial dislocation: 5+5
 - a) Syndromic types
 - b) Flow chart of management
6. Spinal injuries: 3+4+3
 - a) Types of subaxial spinal injuries
 - b) Physiological loading basis of injuries
 - c) Surgical options
7. Congenital malformative tumours of CNS: 2+8
 - a) Name the tumours
 - b) Radiological findings
8. Hydrocephalus in infant: 5+2+3
 - a) Etiology
 - b) Clinical presentations
 - c) Treatment options

P.T.O.

9. Horner's syndrome: 4+4+2
a) Clinical findings
b) Causes
c) Diagnostic approach
10. Cervical disc prolapse at C4/5 Level: 2+3+2+3
a) Causes
b) Clinical presentation
c) MRI findings
d) Treatment
