

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

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