

NEUROSURGERY

PAPER – II

NS/J/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. Chiari malformation: 3+2+2+3
 - a) Definition and classification
 - b) Clinical features
 - c) Investigations
 - d) Various modes of treatment
2. Vascular malformations: 2+3+5
 - a) What are various types?
 - b) Natural history of AVM.
 - c) Management of AVM.
3. A 50 year old female presents with history of dorsal pain. 3+3+4

Images show pathological fracture at D9:

 - a) What is the differential diagnosis?
 - b) How will you investigate her?
 - c) Outline treatment of this patient.
4. 4+3+3
 - a) Definition and clinical features of craniosynostosis.
 - b) Genetics of craniosynostosis
 - c) Syndromic craniosynostosis
5. Clinical features and management of anterior communicating artery aneurysm. 5+5
6. 3+3+4
 - a) Draw a diagram of brachial plexus.
 - b) How will you localize the lesion in brachial plexus injury?
 - c) Treatment procedures for brachial plexus injuries.
7. Vasospasm in SAH: 2+2+3+3
 - a) Definition
 - b) How to diagnose?
 - c) Theories of development.
 - d) Management

P.T.O.

NEURO SURGERY

PAPER – II

8. Enumerate various surgical approaches to posterior 3rd ventricular lesion and describe anyone in detail. 3+7
9. a) Pathogenesis of intracranial arachnoid cyst. 4+(3+3)
b) Clinical features and management of Sylvian arachnoid cyst.
10. a) Definition and anatomy of lumbar canal stenosis. (1+3)+(3+3)
b) Its clinical features and treatment
