

NEURO SURGERY**PAPER-II**Time: 3 hours
Max. Marks:100

NS2/D/19/21/II

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. In a patient with ischaemic stroke involving the MCA territory, describe: 3+3+4
 - a) Symptomatology.
 - b) Clinical scoring.
 - c) Management options.
2.
 - a) Clinical grading scales in subarachnoid haemorrhage. 5+5
 - b) Management options for cerebral vasospasm.
3.
 - a) Ligaments of Craniovertebral junction. 5+5
 - b) C1-C2 Fusion techniques.
4. Evaluation and management of lumbosacral myelomeningocele in a newborn. 5+5
5.
 - a) Vertebroplasty. 3+3+4
 - b) Laminoplasty.
 - c) Odontoid fractures and their management.
6.
 - a) Aqueductal stenosis. 5+5
 - b) Describe the procedure of Endoscopic third ventriculostomy.
7.
 - a) Enumerate the common paediatric posterior fossa lesions. 5+5
 - b) Management and histopathology of any one of the above lesions.
8.
 - a) Describe the various Chiari malformation types. 5+5
 - b) Surgical management of symptomatic Chiari I with syrinx.
9.
 - a) Meralgia paresthetica. 5+5
 - b) Nerve biopsy – indications and usefulness.
10.
 - a) Briefly describe various ventricular shunting procedures. 6+4
 - b) Procedural precautions to avoid shunt infections.
