

NEUROSURGERY

PAPER – III

NS/J/15/21/III

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.	Clinical manifestations and treatment of neurocysticercosis.	5+5
2.	Pathogenesis and treatment of cranio-vertebral junction tuberculosis.	4+6
3.	How to differentiate between: a) Typical & atypical trigeminal neuralgia. b) Low grade glioma and infarct in CT scan.	5+5
4.	Indications and techniques of cingulotomy.	5+5
5.	Utility of: a) Intraoperative MRI. b) Functional MRI.	5+5
6.	a) Neuronavigation. b) Nerve anastomosis.	6+4
7.	a) O- Arm. b) Technique of free hand pedicle screw placement in dorsal spine.	5+5
8.	a) Spondylectomy. b) Disc preserving surgery.	5+5
9.	Diagnosis and treatment of upper trunk branchial plexus injury.	5+5
10.	a) Indications of surgery in the fetus. b) Difficulties in separation of craniopagus twins.	5+5
