NEURO SURGERY
PAPER – 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. Etiopathogenesis, pathology and treatment of brain abscess. 3+3+4

2. Compare and contrast:
   a) Kyphoplasty Vs Vertebroplasty.
   b) Coiling Vs clipping in cerebral aneurysms.

3. a) Selective amygdalo-hippocampectomy.
   b) Subthalamic nucleus.

4. a) Functional MRI.
   b) Awake craniotomy.

5. a) Programmable V-P shunt.
   b) Vagus nerve stimulation.

6. Compare and contrast:
   a) Radionecrosis Vs Tumor recurrence.
   b) Endoscopic Vs microscopic discectomy.

7. Clinical features and treatment options in trigeminal neuralgia. 4+6

8. Utility of:
   a) Intraoperative MRI.
   b) Image guidance.

9. a) Technique of endoscopic third ventriculostomy.
   b) Keyhole craniotomy through eyebrow.

10. Compare and contrast:
    a) Spondyloysis Vs Spondylolisthesis
    b) Neurotization Vs nerve transfer.

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