

QP Code:104505

Reg. No.:.....

**M.Ch. (Neuro Surgery) Degree Supplementary Examinations
October 2025**

Paper IV – Recent Advances

Time: 3 hrs

Max marks: 100

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw table/diagrams/flow charts wherever necessary*

Essay:

(20)

1. Describe various neurosurgical procedures available for epilepsy surgery.

Short essays:

(8x10=80)

2. Prof. Jacob Chandy
3. Spinal cord stimulation
4. Dystonia – role of neurosurgeon
5. Programmable ventriculo-peritoneal shunts
6. Newer anti-epileptics
7. Flow diverters
8. Role of Magnetic resonance spectroscopy
9. Molecular diagnostics in neurosurgical oncology
