

QP Code:104505

Reg. No.:.....

M.Ch. (Neuro Surgery) Degree Supplementary Examinations June 2024

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. Neuronavigation

Short essays:

(8x10=80)

2. MR spectroscopy
3. Transcranial doppler
4. MR neurography
5. Neural prosthesis
6. Brain suite
7. Laser ablation to treat focal epilepsy
8. Focused ultrasound to treat essential tremor
9. Intraoperative nerve monitoring
