

QP Code:104505

Reg. No.:.....

**M.Ch. (Neuro Surgery) Degree Supplementary Examinations
March 2021**

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 in cranial and spinal surgery

Short essays:

(8x10=80)

2. Impact of ARUBA trial in management of intracranial AVMs
3. List the various trials and their outcomes related to management of hypertensive intracranial hemorrhage
4. Flow diverters in management of intracranial aneurysms
5. Intraoperative monitoring during spinal cord surgery
6. Management of multiple intracranial metastasis
7. Endoscopic skull base surgery
8. Spinal cord stimulation
9. Frameless stereotaxy
