

QP Code:104505

Reg. No.:.....

**M.Ch. (Neuro Surgery) Degree Supplementary Examinations
February 2023**

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 minimally invasive spine procedures

Short essays:

(8x10=80)

2. Role of intra operative MRI in neurosurgery
3. Neuronavigation system
4. Hemispherectomy
5. Molecular markers in diagnosis of brain tumour
6. Intra operative nerve monitoring
7. C1-C2 distraction- Indications and technique
8. Flow diverters
9. PACS in Neurosurgery (Picture archival and communication system)
