

QP Code:104505

Reg. No.:.....

**M.Ch. (Neuro Surgery) Degree Supplementary Examinations
March 2022**

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. Molecular diagnosis of intracranial gliomas

Short essays:

(8x10=80)

2. Concept and design of hybrid theater in neurosurgery
3. Current status of robotics in neurosurgery
4. 3-D endoscopes: technology, pros and cons
5. Chemotherapeutic protocols for medulloblastomas
6. Stem cells in spinal cord injury
7. 3-D printing in neurosurgery
8. Newer drugs in epilepsy
9. Neurosurgical management of psychiatric disorders
