

QP Code:104505

Reg. No.:.....

**M.Ch. (Neuro Surgery) Degree Supplementary Examinations
January 2019**

Paper IV – Recent Advances

Time: 3 hrs

Max marks: 100

- *Answer all questions*
- *Draw diagrams wherever necessary*

Essay: (20)

1. Discuss the pathophysiology of ischemic brain injury and intra operative cerebral protection

Short essays: (8x10=80)

2. Functional MRI
3. Stenting in carotid stenosis
4. Cordotomy in pain management
5. SRS in functional neurosurgery
6. Discuss motor evoked potential
7. Cervical disc replacements
8. Discuss trigeminal neuralgia treatment options
9. Management of DVT and pulmonary embolism
