

QP Code:104505

Reg.No.:.....

M.Ch. (Neuro Surgery) Degree Examinations - September 2013

Paper IV – Recent Advances

Time: 3 hrs

Max marks:100

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

Essay:

(20)

1. Describe briefly the history, technique, principles and applications of Stereotactic surgery in modern neurosurgery.

Short essays:

(8x10=80)

2. Adjuvant therapy for gliomas.
3. Clinical and ethical issues of brain death and organ donation.
4. Cranioplasty – Recent trends.
5. Magnetic resonance tractography – Basics and applications.
6. O – arm in neurosurgery – current status.
7. Deep brain stimulation (D B S).
8. Neural prosthesis.
9. Role of hypothermia in neurosurgery.
