

(LQ 031)

FEBRUARY 2020

Sub. Code: 1561

**M.Ch. – NEURO SURGERY
SIX YEARS COURSE**

PART – II

Paper I – NEUROANATOMY AND NEUROPHYSIOLOGY

Q.P. Code: 181561

Time: Three Hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 15 = 30)

1. Describe the various Nuclei of Thalamus and their connections.
2. Discuss the supra nuclear control of eye movements.

II. Write notes on:

(10 x 7 = 70)

1. CSF production and absorption and their measurement.
2. Regulation of muscle tone.
3. Functional organization of cerebellum.
4. Pressure - volume response in intracranial pressure.
5. Cross - section of Pons at level of Facial colliculus.
6. Blood supply of Internal capsule.
7. Embryology of cranio-vertebral junction.
8. Auto regulation of cerebral blood flow.
9. Classification of peripheral nerve fibres.
10. Physiology of memory.
