

(LP 033)

AUGUST 2019

Sub. Code: 1564

M.Ch. – NEURO SURGERY

THREE YEARS COURSE

**Paper I – NEUROANATOMY, NEUROPHYSIOLOGY
NEUROCHEMISTRY AND NEUROPATHOLOGY**

Q.P. Code: 181564

Time: Three Hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 15 = 30)

1. Describe with diagrams the course of the Facial Nerve and the relevance of its anatomy to the localization of its lesions.
2. Describe in detail the formation, circulation and absorption of Cerebrospinal Fluid. Discuss the abnormalities of Cerebro Spinal Fluid physiology in relation to Hydrocephalus.

II. Write notes on:

(10 x 7 = 70)

1. Synaptic Inhibition and Facilitation.
2. 2016 World Health Organisation classification of Medulloblastoma.
3. H- Reflex and F- Wave.
4. Brain Herniations.
5. Brainstem Auditory Evoked Potentials.
6. Tracts of Goll and Burdach.
7. Derivatives of Neural Tube.
8. The Sympathetic Trunks.
9. Laminae of Cerebral Cortex.
10. Principal Neurotransmitter Systems of the Central Nervous System.
