

THE TAMIL NADU DR.M.G.R. MEDICAL UNIVERSITY

(MCH 0822)

AUGUST 2022

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 in detail about the Microsurgical anatomy of cerebellopontine angle and the clinical manifestation of CP angle lesion.
2. Describe with diagram about the course and branches of middle cerebral artery (MCA) and the functional anatomy of the brain supplied by MCA.

II. Write notes on: **(10 x 7 = 70)**

1. Pyramidal tract.
2. Dopamine.
3. Hypoglossal Nerve.
4. Electrocorticography.
5. Functions of hypothalamus.
6. Cerebral salt wasting syndrome.
7. Anatomy of Atlantoaxial ligaments.
8. Acromegaly.
9. Cross sectional anatomy of cervical spinal cord.
10. Circle of willis.
