

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

(MCH 0223)

FEBRUARY 2023

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. Microsurgical anatomy of cerebellopontine angle.
2. Anatomy and physiology of hypothalamus.

II. Write notes on:

(10 x 7 = 70)

1. Blood supply of spinal cord.
2. Oculomotor nerve nuclei.
3. Atlanto-axial joint.
4. Cross section at the level of dorsal cord.
5. Secondary Neurulation.
6. Neurohypophysis.
7. Bradley's loop I and II.
8. Papez circuit.
9. Cerebrospinal fluid.
10. Commissural fibres.
