

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

(MCH 0223)

FEBRUARY 2023

Sub. Code: 1562

M.Ch. – NEURO SURGERY

SIX YEARS COURSE

PART – II

PAPER II – NEUROCHEMISTRY AND NEUROPATHOLOGY

Q.P. Code: 181562

Time: Three Hours

Maximum: 100 Marks

I. Elaborate on: **(2 x 15 = 30)**

1. Classify tumours of the pineal region and discuss their pathology.
2. Discuss in detail the etiopathogenesis of Cervical spondylotic myelopathy and the pathological changes occurring in the spinal column and the spinal cord.

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

1. Pregabalin.
2. Biochemical changes in head injury.
3. The 2016 World Health Organization classification of Medulloblastoma.
4. Etiopathogenesis of Syringomyelia in Chiari malformation.
5. Cysts of the sellar, parasellar region.
6. Hypertonic saline in Neurosurgery.
7. Intracranial calcifications.
8. IDH mutations in gliomas.
9. Neurotropic drugs.
10. Froin's syndrome.
