

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

**(MCH 0822)**

**AUGUST 2022**

**Sub. Code: 1571**

**M.Ch. – NEURO SURGERY**

**THREE YEARS COURSE – Final – Paper - III**

**SIX YEARS COURSE – Part III – Paper - I**

**NEURORADIOLOGY AND CLINICAL NEURO SURGERY**

*Q.P. Code: 181571*

**Time: Three Hours**

**Maximum: 100 Marks**

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

1. Describe in detail about spinal cord tumors, clinical presentation and the MRI evaluation of these tumours.
2. Describe about various craniometric lines of craniovertebral junction and the MRI evaluation of craniovertebral junction anomaly.

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

1. Transcranial doppler.
2. Normal pressure hydrocephalus.
3. Proton Beam therapy.
4. Cerebral digital subtraction angiography.
5. Oculogyric reflex.
6. Lumbar Meningiomyelocele clinical features and radiological evaluation.
7. Electrolyte imbalance in head injury.
8. CSF rhinorrhea and CT cisternogram.
9. Brain stem glioma.
10. Neurogenic bladder.

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