

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

[DM 0223]

FEBRUARY 2023

Sub. Code: 1413

D.M. – NEUROLOGY

**PAPER III – NEURO RADIOLOGY, ELECTRO PHYSIOLOGY,
NEURO OTOLOGY, NEURO OPHTHALMOLOGY AND
OTHER INVESTIGATORY PROCEDURES**

Q.P. Code: 161413

Time: Three Hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 15 = 30)

1. Discuss the principles and uses of Perfusion CT scan in acute stroke.
2. Neuro imaging in Demyelinating disorders.

II. Write notes on:

(10 x 7 = 70)

1. Optical Coherence Tomography (OCT).
2. Vestibular Evoked Myogenic Potentials (VEMP).
3. Jitter.
4. Complex repetitive discharges.
5. Alpha coma.
6. TCD in stroke.
7. Brain biopsy in Neurology.
8. Somatosensory evoked potentials.
9. Activation Procedures in EEG.
10. Magnetic Resonance Spectroscopy (MRS) in Neurology.
