

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

**[DM 0823]**

**AUGUST 2023**

**Sub. Code: 1411**

**D.M. – NEUROLOGY**

**PAPER I – BASIC SCIENCES (CONSISTING OF NEURO ANATOMY,  
NEURO-PHYSIOLOGY, NEURO CHEMISTRY, NEURO PATHOLOGY,  
NEURO MICROBIOLOGY, PARASITOLOGY, IMMUNOLOGY,  
EPIDEMIOLOGY AND GENETICS)**

*Q.P. Code: 161411*

**Time: Three Hours**

**Maximum: 100 Marks**

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

1. Discuss Anatomy and Physiology of Supranuclear control of Eye movements.
2. Discuss briefly clinical varieties of Aphasia.

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

1. Substantia nigra.
2. Ictal nystagmus.
3. Vestibular reflex pathways.
4. Absence variant.
5. Night Terrors and Nightmares.
6. Acute confusional state.
7. Clinical effects of parietal lobe lesion.
8. Pure word deafness.
9. Edinger-Westphal nucleus.
10. Cross section of cervical cord at C2 Level.

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