

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

**[DM 0822]**

**AUGUST 2022**

**Sub. Code :1508**

**D.M. – PAEDIATRIC NEUROLOGY**

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

*Q.P. Code: 161508*

**Time: Three Hours**

**Maximum: 100 Marks**

**I. Elaborate on:**

**(2 x 15 = 30)**

1. Discuss brain imaging of newborns with perinatal hypoxic insult.
2. Discuss utility of EEG and patterns in paediatric intensive care.

**II. Short notes on**

**(10X7=70)**

1. Cerebrospinal fluid analysis in CNS infections.
2. Biochemical studies in diagnosis of neurometabolic disorders.
3. MLPA utility in Paediatric Neurology.
4. Central hearing loss.
5. Laboratory testing for Tuberous sclerosis complex.
6. EEG in West syndrome.
7. NCS for diagnosis of Guillain-Barre syndrome.
8. Pharmacogenetics.
9. Retinitis Pigmentosa.
10. CSF oligoclonal bands.

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