

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.

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

[DM 0124]

JANUARY 2024

Sub. Code :1508

D.M. – PAEDIATRIC NEUROLOGY

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

Q.P. Code: 161508

Time: Three Hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 15 = 30)

1. Approach to Auditory Spectrum Disorders.
2. Radiological approach to Leukodystrophy.

II. Short notes on:

(10 x 7 = 70)

1. Cortical Deafness.
2. Retinitis Pigmentosa.
3. Digenic inheritance (DI).
4. X-linked recessive disorders in girls.
5. Preimplantation genetic testing.
6. Homoplasmy and Heteroplasmy.
7. Reversible splenic lesion syndrome (RESLES).
8. Approach a child with Thalamic hyperdensity.
9. CSF oligoclonal bands.
10. Developmental language disorders.
