

QP Code: 103522

Reg. No:

**DM (Paediatric Neurology) Degree Supplementary Examination
October 2025**

**Paper III – Electrophysiology, Neuroimaging, Neurogenetics, Neurosurgery,
Neuro Psychiatry**

Time: 3 hrs

Max marks: 100

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw table/diagrams/flow charts wherever necessary*

Essay: (20)

1. a) Explain the maturation of normal awake and sleep EEG in children. (10)
- b) Discuss the epileptiform and non-epileptiform patterns in EEG. (10)

Short essays: (8x10=80)

2. Late responses.
3. Role of evoked potentials in pediatric neurology.
4. Cerebral calcifications – differential diagnosis.
5. Variants of uncertain significance.
6. POLG mutation related disorders.
7. Tethered cord syndrome – clinical features and management.
8. Approach to scholastic decline in children.
9. Role of muscle and nerve biopsy in the evaluation of pediatric neurological disorders.
