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

[DM 0822] AUGUST 2022 Sub. Code :1509

D.M. – PAEDIATRIC NEUROLOGY

Paper IV – RECENT ADVANCES IN NEUROLOGY

Q.P. Code: 161509

Time: Three Hours **Maximum: 100 Marks**

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

1. Discuss the hazards of increased screen time following the COVID pandemic.

2. Discuss assessment for sleep disorders in children with cerebral palsy and intervention

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

1. Epilepsy with eyelid myoclonia.
2. Brain-derived neurotropic factor in neonatal seizures.
3. NGS of CSF for diagnosis of unexplained CNS infections.
4. Newer treatment options for paediatric FIRES .
5. Pathophysiology of cyclic vomiting syndrome.
6. Genetic testing in malformation of cortical development.
7. Biofeedback programs for treatment of ADHD.
8. Exon Skipping.
9. Mitochondrial dysfunction in ASD.
10. Neuromodulation.

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