

QP Code: 101522

Reg. No:

**DM (Paediatric Neurology) Degree Supplementary Examinations
February 2023**

Paper I – Basic Sciences

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. Discuss basal ganglia circuitry and neurobiology of dystonia. Describe the etiology and management of a child with status dystonicus

Short essays: (8x10=80)

2. Cerebellar neuroanatomy and discuss its role in motor control and cognition
3. Draw a schematic diagram at the cross-sectional level of medulla and describe the vascular medullary syndromes
4. Describe the role of general body movements in the follow up of high-risk neonates and infants
5. Describe the Supranuclear control of ocular motility with help of a diagram
6. Discuss with help of a diagram the various herniation syndromes
7. Discuss the neural correlates of consciousness with respect to connectivity networks
8. What are the types of glutamate receptors and their role in autoimmune diseases
9. Discuss the tests for assessing frontal lobar function
