

QP Code: 101503

Reg. No.:.....

**D.M. (Neurology) Degree Regular/Supplementary Examinations
December 2025**

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. Describe the organization of motor pathway from cerebral cortex to skeletal muscle, including influences from extrapyramidal pathways, cerebellar and spinal level inputs.

Short essays: (8x10=80)

2. Muscles of mastication
3. Therapeutic index
4. P-value and its role in statistics
5. Anatomy of lateral and third ventricles
6. Dopamine-synthesis, storage and inactivation and its receptors
7. Outline venous drainage from the brain
8. Optic pathway
9. Histology of a normal muscle biopsy
