

QP Code: 101503

Reg. No.:.....

**D.M. (Neurology) Degree Regular/Supplementary Examinations
April 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. Discuss the neuroanatomical substrates and neuromodulator of wakeful and sleep states

Short essays: (8x10=80)

2. Cerebral cortex – layers and cytoarchitecture
3. Name the cerebellar nuclei. Enumerate the motor and non-motor functions of cerebellum
4. Supplementary motor area
5. Blood supply of spinal cord
6. Discuss formation, circulation and absorption of cerebrospinal fluid
7. Acetylcholine and Ach Receptors
8. Amygdala
9. What is Forest Plot and its uses
