

QP Code: 101505

Reg. No.:.....

**M.Ch. (Neuro Surgery) 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. Write note on anatomy of CP angle cistern: its contents, relationship and variations supported by suitable diagrams.

Short essays: (8x10=80)

2. Draw a labelled diagram of Brachial plexus.
3. Eloquentcy of left medial temporal lobe structures.
4. Optic disc and Fundus examination.
5. Anatomy of facial nerve and effect of lesions at various levels.
6. Trace the pin prick sensation neuronal pathway from great toe to cortex.
7. Lundberg waves and applied importance.
8. Write note on Phenytoin: Drug class, pharmacokinetics, pharmacodynamics and adverse effects including practical aspects of its use. Please be precise.
9. Pathogenesis of chronic SDH.
