

QP Code:102505

Reg. No.:.....

**M.Ch. (Neuro Surgery) Degree Regular/Supplementary Examinations
December 2025**

Paper II – General Principles and Applied Neurosurgery

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 classification, clinical features, and management strategies of Chiari malformations. Discuss the theories explaining the pathogenesis of syringomyelia in the context of Chiari malformation.

Short essays: (8x10=80)

2. Outline the radiological features that help differentiate neurocysticercosis from intracranial tuberculoma.
3. Focal cortical dysplasias.
4. Lipo Myelo Meningocele.
5. Types, Causes and evaluation of proptosis.
6. Clinical features and imaging evaluation of pituitary apoplexy.
7. Discuss the principles of microsurgical clipping of intracranial aneurysms.
8. Pathophysiology of neurovascular conflict in trigeminal neuralgia.
9. Mesial Temporal sclerosis.
