

QP Code: 101505

Reg. No.:.....

**M.Ch. (Neuro Surgery) Degree Regular/Supplementary Examinations
August 2022**

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 anatomy of posterior third ventricular region with special emphasis on applied aspects.

Short essays:

(8x10=80)

2. Blood brain barrier and Blood CSF barrier.
3. Surgical anatomy of optic pathways.
4. Anatomy of Craniovertebral junction with special emphasis on its ligaments.
5. Management of hyponatremia in neurosurgical patients.
6. Pathogenesis of High-grade glioma.
7. Pathophysiology of spinal cord injury.
8. Babinski reflex.
9. Brain Stem Auditory Evoked response.
