

SUPER SPECIALTY PROGRAMME M. Ch. (NEUROSURGERY)

EXAMINATION, MARCH-2025

PAPER ONE

BASIC NEUROSCIENCES – NEUROANATOMY, PHYSIOLOGY, NEURO PHARMACOLOGY

[Time allotted: Three hours]

[Max Marks: 100]

Note: Attempt all questions
Illustrate with suitable diagrams wherever necessary.

- Q. 1.** Describe anatomy of Third Ventricle and enumerate lesions in the third ventricle. **(10)**
- Q. 2.** Describe anatomy of optic chiasm. **(10)**
- Q. 3.** Describe anatomy of Sella turcica. **(10)**
- Q. 4.** Describe in short congenital lesions at Cranio vertebral Junction. **(10)**
- Q. 5.** Describe anatomy of CP angle. Mention the contents. Enumerate the neoplasms in angle. **(10)**
- Q. 6.** Describe Microscopic anatomy of synapse. Outline physiological events occurring at Synapse. **(10)**
- Q. 7.** Describe in brief control of micturition. **(10)**
- Q. 8.** Describe autoregulation of cerebral Blood flow. **(10)**
- Q. 9.** Write a short note on endorphins. **(10)**
- Q. 10.** Enumerate antiepileptic drugs with mechanism of action. **(10)**

X
