

**The West Bengal University of Health Sciences**  
**M.Ch. (Neurosurgery) Examination, August 2022**

**Full Marks : 100**  
**Time : 3 hours**

Paper : I

*Attempt all questions. All Questions carry 10marks each.*

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|---|-----|
| 1. Albert Rhoton Jr.  | 10  |
| 2. Superior surface of petrous bone – anatomy and surgical significance.  | 10  |
| 3. Anatomy of Vertebrobasilar circulation.  | 10  |
| 4. Cerebrospinal fluid circulation – Physiological and Pathophysiological basis of normal pressure hydrocephalus. | 10  |
| 5. Anatomy and Clinical importance – Hypoglossal Nerve.   | 10  |
| 6. Spinal tuberculosis – pathophysiology.   | 10  |
| 7. Write short notes on :<br>a) Amantadine                      b) Carbamazepine                                  | 5+5 |
| 8. Role of PET CT in modern Neurosurgery.   | 10  |
| 9. Neuroembryological basis of craniovertebral junction defects.  | 10  |
| 10. Neurofibromatosis.  | 10  |