

VI - S - BPT/BOT - (Medicine - III) -
(Neuro-Science) - (Back)

2026

Full Marks - 100

Time - As in the Programme

The figure in the right hand margin indicates marks.

Answer ALL questions.

Answer any FIVE questions : [5 x 20]

1. Define Stroke (Cerebrovascular Accident). Differentiate between ischemic and hemorrhagic stroke. *Answer in detail, including clinical presentation, evaluation and management.*
2. Explain the etiology and pathophysiology of Parkinson's Disease. Describe the clinical features, focusing on gait deviations and outline a comprehensive management plan including therapy to improve mobility and reduce freezing.

[Cont...

3. What is Guillain-Barre Syndrome (GBS) ? Discuss its clinical features, stages of progression and detailed physiotherapy management during both the acute (ventilatory) phase and the recovery phase.
4. Describe the anatomy of the corticospinal tract. Discuss the clinical features and localization of upper motor neuron lesions.
5. Define Traumatic Brain Injury (TBI). Discuss the pathomechanics and clinical presentation based on the *Rancho Los Amigos Scale*. Outline the management for a comatose patient in the ICU.
6. What is PHMD ? Write down etiology, clinical features, management of it.
7. Answer any Four :
 - (a) Define Cerebral Palsy (CP). Classify its various clinical types.

[3]

- (b) Ataxia.
- (c) Erb's Palsy.
- (d) Syringomyelia.
- (e) Brown-Sequard syndrome.
- (f) Bell's Palsy.



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