

**RAN-2306000304010011****Fourth Year Bachelor of Physiotherapy****Examination September - 2025****Physiotherapy in Neurological Conditions (New)****Time: 3 Hours]****[Total Marks: 80****સૂચના : / Instructions**

(1)

નીચે દર્શાવેલ નિશાનીવાળી વિગતો ઉત્તરવહી પર અવશ્ય લખવી.

Fill up strictly the details of signs on your answer book

Name of the Examination:

Fourth Year Bachelor of Physiotherapy

Name of the Subject :

Physiotherapy in Neurological Conditions (New)

Subject Code No.: 2306000304010011

Seat No.:

Student's Signature

Section - I - 40 Marks**Q. 1. Long Essay (Answer any One): (15)**

- Write classification of poly neuropathies. Explain physiotherapy management for poly neuropathies.
- Explain the assessment and management of cerebral palsy using NDT and PNF Technique.

Q. 2. Short Essay (Answer any One): (10)

- Discuss the role of ergonomic advice in pediatric neurorehabilitation.
- Motor examination in neurological disorder

Q. 3. Short Answers (Answer any Three): (15)

- Define involuntary movements with examples.
- List three tools used in neurorehabilitation in detail.
- Assessment of 5th cranial nerve.
- What is the role of vestibular balls in coordination training?

Section - II - 40 Marks

- Q. 4. Long Essay (Answer any One): (15)**
- a. Describe the physiotherapy management of spinal cord injury and bladder dysfunction.
 - b. Explain electro diagnostic procedures of EMG and their clinical relevance.
- Q. 5. Short Essay (Answer any One): (10)**
- a. Discuss physiotherapy management of Myasthenia Gravis.
 - b. Explain wheelchair transfer activities for paraplegia.
- Q. 6. Short Answers (Answer any Three): (15)**
- a. What is cerebellar ataxia?
 - b. Difference between UMN and LMN type of Bell's Palsy.
 - c. Mention three clinical signs of muscular dystrophy in detail.
 - d. Discuss physiotherapy management for 5-year-old male, diagnosed as meningocele.
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