



RAN - 2206000304020001

**RAN-2206000304020001**

**Fourth Year B. Physiotherapy Examination September - 2023**

**Neuromuscular Physiotherapy**

**સૂચના : / Instructions**

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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 B. Physiotherapy

Name of the Subject :

Neuromuscular Physiotherapy

Subject Code No.: 2206000304020001

Seat No.:

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Student's Signature

**Section-I (40 Marks)**

**Q. 1** What is a synergy pattern? Discuss in detail the rehabilitation management of patients with middle cerebral artery syndrome. **10 Marks**

**Or**

**Q. 1** Discuss in detail the assessment and management of a patient with Parkinsonism.

**Q. 2** **Short Questions. (3 out of 4)** **15 marks**

1. Physiotherapy Management in Hydrocephalus
2. Foot deformities in poliomyelitis.
3. Tests for Coordination
4. Physiotherapy Management of Syringomyelia

**Q. 3** **Short Questions. (5 out of 6)** **15 marks**

1. Principles of Skin Care.
2. Stages of Motor Learning.
3. Plantar response.
4. Souque's phenomenon
5. Symmetric tonic neck reflex.
6. Autonomic dysreflexia.

**Section II (40 Marks)**

**Q.1 Long Essay (Any one out of two) 10**

Mention Various Physiotherapy Management in patients with cerebellar Ataxia.

**OR**

Define Myasthenia Gravis. Mention causes, clinical features and physiotherapy management for the same.

**Q.2 Short Essay (Any three out of four) 15**

1. Deep sensory examination for upper limb.
2. Gait training for Parkinson's patient.
3. Physiotherapy management to improve lower limb balance.
4. Thoracic Outlet Syndrome.

**Q.3 Short Answer (Any five out of six) 15**

1. Post Polio Syndrome.
2. Complication of Spinal Cord injury.
3. Types and clinical features of spina bifida.
4. Importance of Yoga in neurological Conditions.
5. Bladder training in spinal cord injury patient.
6. Barthel Index

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