



RAN - 2306000304010011

RAN-2306000304010011

Fourth Year B. Physiotherapy Examination September - 2023

Physiotherapy in Neurological Conditions

(New Syllabus)

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 :

Physiotherapy in Neurological Conditions (New Syllabus)

Subject Code No.: **2306000304010011**

Seat No.:

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Student's Signature

SECTION I

(40 Marks)

Q.1. Long Answer. (Any one out of 2)

(1×15) 15

Types of Spinal Cord Injury. Add a note on physiotherapy management for cauda equina syndrome.

OR

Define Stroke. Add note on types, recovery stages of stroke and physiotherapy management for 67 years old male having right middle cerebral artery syndrome.

Q.2 Short Answer. (Any one out of 2)

(1×10) 10

Define Parkinson's disease. Mention cardinal features and their physiotherapy management for 75 years old female.

OR

Write in detail about physiotherapy approaches for the management of patient with post-polio residual paralysis.

Q.3 Very Short Answer (Any 3 out of 5) (3×05) 15

- 1) Education about handling of Stroke Patient.
- 2) Gait training for patient with Parkinson's disease.
- 3) Types and clinical features of hydrocephalus. Mention types of shunts used as surgical approaches.
- 4) Physiotherapy approaches to improve static and dynamic balance.
- 5) Prescription of appropriate orthotic devices for ulnar, median and radial nerve palsy of upper limb.

SECTION II

Que. 4 Long Answer. (Any 1 out of 2) 1 × 15= 15

Discuss in detail the physiotherapy management of a 20 years old male admitted in ICU, a case of traumatic brain injury, having Rancho Los Amigos (RLA) stage III.

OR

Discuss in detail the physiotherapy assessment and management of a 07 years old male, a case of Guillain Barre Syndrome (GBS), who has been admitted in ICU.

Que. 5 Short Answer. (Any 1 out of 2) 1 × 10= 10

Discuss in brief the physiotherapy management for Transverse Myelitis.

OR

Discuss in brief the physiotherapy management in cerebellar ataxia.

Que. 6 Very Short Answer. (Any 3 out of 4) 3 × 05= 15

- A) Rood's Approach for neurology physiotherapy patients.
- B) Write in brief about the prevention and treatment of pressure sores.
- C) Write a short note on ergonomic advice for prevention / rehabilitation to parents/ care-givers, with an example.
- D) Write in brief the physiotherapy management in a case of Spina Bifida.
