

TILAK MAHARASHTRA VIDYAPEETH, PUNE
MASTER OF PHYSIOTHERAPY (MPTh)
EXAMINATION : NOVEMBER - 2025
SECOND YEAR

Subject: Advances in Neurophysiotherapy- I (60105)

Date: 13/11/2025

Total Marks: 100

Time: 10.00 am to 1 .00 pm

SECTION – A

Q.1 Answer the following questions in detail. (Any 1 out of 2) (30)

- a. Write an essay on motor control theories and evaluation of different neurotherapeutic approaches. What are the advantages and limitations of each theory?

OR

- b. What are the factors influencing balance? What is the outcome measures used for assessing balance? Add a note on balance training in patients with balance disorders.

Q.2 Answer the following questions in detail. (Any 1 out of 2) (30)

- a. Describe motor control theories and motor control training

OR

- b. Discuss various outcomes measures and assessment of traumatic brain injury. Write in detail physiotherapy management for recovery stages of traumatic brain injury patients.

Q.3 Answer the following questions in Short. (Any 4 out of 5) (40)

- a. Methods for improving co-ordination
- b. Methods of assessment of gait
- c. Indication and contraindication to methods of sensory re-education
- d. Principles of Neuro developmental Techniques
- e. Early diagnosis and intervention in cerebral palsy
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