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MASTER OF PHYSIOTHERAPY (MPTh)
EXAMINATION: NOVEMBER - 2025
SECOND YEAR

Subject: Advances in Musculoskeletal Physiotherapy -I (60103)

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. Discuss kinematics and kinetics during overhead activity

OR

- b. Define ergonomics. Write about cumulative trauma disorder. Mention about measures that can be adapted for preventing upper extremity injuries.

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

- a. Recent trends in assistive technology for mobility and stability in upper limb rehabilitation

OR

- b. Explain the recent trends in management of work conditioning and work hardening in ergonomics

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

- a. Discuss the standardized tests and scales used in the assessment of pain
- b. Discuss clinical implications of Open kinetic chain exercises and closed kinetic chain exercises
- c. Describe the methods of disability assessment
- d. Explain the red and yellow flags in Manual therapy treatment
- e. Assessment of deformities in a rheumatoid hand.
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