

0623E139

Candidate's Seat No. 10011

Master of Physiotherapy Examination
Basic Science in
Physiotherapy in Orthopedics

Date : 23-06-2023, Friday]

Time : 3 Hours]

[Max. Marks : 100

- Instructions :
- (1) Figure to the right indicate marks.
 - (2) Write legibly.
 - (3) Draw diagrams wherever necessary.

1. Enumerate and explain in detail the type of Electrodiagnostic Studies used in Peripheral Nerve Injury. [20]
 2. Discuss the kinematics and kinetics of human gait and how gait analysis can be used in clinical practice. [20]
 3. Explain the principles of Randomized Controlled Trials and discuss the challenges and limitations of implementing them in clinical research. [20]
 4. Discuss the principles of hypothesis testing and steps involved in conducting a hypothesis test. [20]
 5. Discuss the physiological and psychological factors that influence exercise adherence and strategies to promote adherence. [20]
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