

Master of Physiotherapy Examination
Basic Science in
Physiotherapy in Orthopedics

[Max. Marks : 100]

Date : 10-06-2024, Monday]

Time : 3 Hours]

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

- ✓ 1. Write an essay on various electrodiagnostic tests used in Orthopedic Physiotherapy. Explain role of EMG and NCV in Post traumatic ulnar nerve injury
(20 Marks)
 - ✓ 2. Write an essay on assessment methods for body composition analysis. Write role of weight control in musculoskeletal dysfunctions.
(20 Marks)
 - ✓ 3. Write in details biomechanics of Knee Ankle foot orthosis. Add a note on abnormal gait patterns due to above knee prosthesis malfunctioning.
(20 Marks)
 - ✓ 4. Write an essay on Ethical issues in physiotherapy research. Add a note on "Conflict of Interest in Research"
(20 Marks)
 - ✓ 5. Write an essay on effect of High altitude and Cold environment on exercise performance in Sports players.
(20 Marks)
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