

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)
