

**Master of Physiotherapy Examination**  
**Basic Science in**  
**Physiotherapy in Neuroscience**

Date : 10-06-2024, Monday]

[Max. Marks : 100]

Time : 3 Hours]

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

1. Write in detail Instrumentation for Neuromuscular electrical stimulation [20 Marks]
2. Explain Physiology of Pain and its modulation [20 Marks]
3. Describe Neural control of Locomotion [20 Marks]
4. Describe measurement and scaling techniques. Write in brief about methods of data collection [20 Marks]
5. Discuss Fatigue assessment and write scientific organization of work-rest regimes to control fatigue [20 Marks]

---