

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

**Date : 03-06-2022, Friday]**

**Time : 3 Hours]**

**[Max. Marks : 100**

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

1. Discuss significance of nerve conduction studies in peripheral neuropathy. 20 marks
2. Explain physiology of pain and its modulation. 20 marks
3. Describe biomechanics of respiration and pathophysiology of asthma 20 marks
4. Describe measurement and scaling techniques. 20 marks
5. Discuss process of recovery after CNS lesion and effect of functional training on neuroplasticity. 20 marks

---