



# Rajiv Gandhi University of Health Sciences

## Master of Physiotherapy Degree Examination - OCT-2019

[Time: 3 Hours]

[Max. Marks: 100]

**Principles of Physiotherapy Practice, Research Methodology and Biostatistics,  
Exercise Physiology, electrophysiology**

**Q.P. CODE: 8121**

Your answers should be specific to the questions asked.

Draw neat, labeled diagrams wherever necessary. Answer all questions

### LONG ESSAY

**2 X 20 = 40 Marks**

1. Explain the ethical principles in practice of physiotherapy in a Hospital and community.
2. Explain the environmental factors that influences on various systems of the body during performance.

### SHORT ESSAY

**6 X 10 = 60 Marks**

3. Explain the Instrumentation for neuromuscular electrical stimulation.
4. Discuss the standardized tests and scales used in assessment of Gait.
5. Explain the MET value of various exercises and activity and its importance in rehabilitation.
6. Explain the anatomy and physiology of peripheral nerve, muscle and neuromuscular junction.
7. Explain the different types of outcome measures with its uses in rehabilitation research.
8. Explain the various measures of central tendency.