



Rajiv Gandhi University of Health Sciences

Master of Physiotherapy Degree Examination - APRIL-2019

[Time: 3 Hours]

[Max. Marks: 100]

**Principles of Physiotherapy Practice, Research Methodology and Biostatistics,
Exercise Physiology, electrophysiology
(Revised Scheme)**

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 adaptations of various systems to different types of exercise training.
2. Describe the various types of study design and its implications in research.

SHORT ESSAY

6 X 10 = 60 Marks

3. Explain the muscle plasticity in response to neuromuscular electrical stimulation.
4. Explain the different methods of Fatigue assessment.
5. Discuss the ethical principles for a physiotherapist in a Hospital.
6. Explain the various properties of measurement such as reliability, validity, responsiveness and MCID.
7. Explain the documentation of patient evaluation based on International Classification of Functioning Disability and Health.
8. Explain the anatomy and physiology of peripheral nerve, muscle and neuromuscular junction.