



Rajiv Gandhi University of Health Sciences, Karnataka
Master of Physiotherapy Degree Examination - 03-Mar-2021

[Time: 3 Hours]

[Max. Marks: 100]

**Principles of Physiotherapy Practice, Research Methodology and Biostatistics,
Exercise Physiology, electrophysiology - (RS-2)**
Q.P. CODE: 8121

Your answers should be specific to the questions asked.
Draw neat, labeled diagrams wherever necessary

Answer All The Questions

10 X 10 = 100 Marks

1. Explain the features of various type of electrical currents used in stimulation of the neuromuscular system.
2. Discuss the Quantitative study designs in research.
3. Explain the various sources of energy during endurance exercises.
4. Explain the various measures of central tendency.
5. Explain the consideration of age and sex in exercise and training.
6. Discuss the standardized tests and scales used in assessment of Balance.
7. Explain the uses of International classification of functioning Disability and Health in patient management.
8. Explain environmental influence on performance.
9. Explain the response and adaptation of Muscle to neuromuscular electrical stimulation.
10. Explain the scientific organization of work-rest regimes to control fatigue.