



# **Rajiv Gandhi University of Health Sciences, Karnataka**

## **Master of Physiotherapy Degree Examination - 09-Dec-2020**

**[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 standardized tests and scales used in assessment and interpretation of pain.
2. Explain the features for each type of electrical currents with their effects used in stimulation of the neuromuscular system.
3. Explain the consideration of age and sex in exercise and training.
4. Explain the electrical properties of muscle and nerve.
5. Explain probability and sampling distributions.
6. Discuss the application of International Classification of Functioning, Disability and Health (ICF) in rehabilitation assessment.
7. Explain the adaptations of various systems to endurance training.
8. Explain the various properties of measurement such as reliability, validity, responsiveness and Minimal Clinically Important Difference (MCID).
9. Explain the various study designs in research.
10. Explain in detail assessment of Fatigue.