

Rajiv Gandhi University of Health Sciences, Karnataka
Master of Physiotherapy Degree Examination – 15-Nov-2022

[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 The Questions

10 X 10 = 100 Marks

1. Describe in detail research process.
2. Explain the documentation based on ICF.
3. Significance of validity and reliability in research.
4. Classify the different types of research design. Explain each type in detail with suitable examples.
5. Explain the Muscle plasticity in response to electrical stimulation.
6. Explain the factors that effects of age and sex in exercise training.
7. Ethical issues in practice of physiotherapy.
8. Evidence based practice.
9. Systemic review versus meta-analysis.
10. Explain in detail the physiology of neuromuscular junction.

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