

Rajiv Gandhi University of Health Sciences, Karnataka
Second Year Master of Physiotherapy Degree Examination – 04-May-2026

[Time: 3 Hours]

[Max. Marks: 100]

Fundamentals in Physiotherapy Practice, Pedagogy & Research

Paper -I (RS-4)

Q.P. CODE: 8129

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 scales of measurements with Physiotherapeutic examples for each scale?
2. Write in details about Ethical rules and guidelines issued by WCPT?
3. What is Research design and explain its different types, also explain the need and features of a good research design?
4. Explain objective of research. Describe various steps in testing of hypothesis?
5. Explain in detail Chi-Square test. Add a note on its significance in statistics?
6. Compare and contrast the factors influencing the exercises for a 15 year old male and 50 year old male?
7. Discuss in detail Anaerobic and Aerobic energy metabolism?
8. Describe electrical stimulation and its effect on various system?
9. Write note on Muscle Plasticity in response to electrical stimulation?
10. Discuss Competency based education and compare the current education in physiotherapy?

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