Rajiv Gandhi University of Health Sciences, Karnataka

Second Year Master of Physiotherapy Degree Examination – 22-Oct-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 importance of international classification of functional disability and health in documentation of Patient management

2. Ethical issues in Practice of Physiotherapy.

3. Describe the various methods of Sampling and Sample size distribution.

4. Define Biostatistics. Explain the Roles and importance of Biostatistics in clinical research.

5. Discuss the Quantitative research designs and its implications in research Process.

6. Explain the types and grading of exercise. Add a note on O2 consumption Oxygen deficit and O2 debt during exercise.

7. Write in detail about the optimal nutrition requirement for exercise and essentials in Renal Disease.

8. Explain the electrical properties of muscle.

9. Explain Electromyography findings in Neuropathies and Myopathies.

10. Define Group and individual learning methods. Mention the advantages and disadvantages of Group and individual learning methods. Describe the various approaches of group learning.

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