

**Rajiv Gandhi University of Health Sciences, Karnataka**  
**Second Year Master of Physiotherapy Degree Examination – 10-Nov-2025**

**[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 ICF in documentation of rehabilitation assessment and management?
2. Describe ICMR ethical guidelines?
3. Explain in details of important experimental design?
4. What does a measure of central tendency indicate? Describe the important measure of central tendency?
5. What are the guiding considerations in the construction of questionnaire? Explain the difference between collection of data through questionnaires and schedules?
6. Describe in detail the influence of different types of exercises on various systems?
7. Explain the consideration of age and sex in exercise and training?
8. Explain the electrical properties of muscle and nerve?
9. Evaluate the Components of electrophysiological assessment devices?
10. Why entrepreneurship is important in physiotherapy and write in details of challenges faces in physiotherapy practice?

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