



**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 & Biostatistics**

**PAPER-1 (RS)  
Q.P. CODE: 8111**

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. What are the various types of validity? Give reason for determining each type of validity.
2. Describe the terms capacity and performance as described by international classification of functioning health and disease. Give two examples each of capacity and performance evaluation scales.
3. What are the steps to be followed in clinical reasoning in physiotherapy?
4. Describe the use of grounded theory approach to answering a research question in physiotherapy.
5. What is type I and type II bias? Give an example for each. What is meant by normal distribution?
6. What is the meaning of block randomised allocation? When is this used? What are the strengths of this type of allocation?
7. What is ethics? What are the primary guiding principles in contemporary ethical decision making?
8. What is Health Communication? What are the factors affecting health communication?
9. Discuss the application of international classification of functioning, disability and health in rehabilitation assessment
10. Explain the standardized tests and scales used in assessment and interpretation of pain.