

# Rajiv Gandhi University of Health Sciences, Karnataka

## III Year B.Sc. Nursing Degree Examination – 24-Jan-2024

**Time: Three Hours****Max. Marks: 75**

### **NURSING RESEARCH AND STATISTICS (RS-2, RS-3, RS-4 & RS-5) Q.P. CODE: 1773**

Your answers should be specific to the questions asked  
Draw neat, labeled diagrams wherever necessary. Answer All Questions

**ESSAYS TYPE****2 x 10 = 20 Marks**

1. Define sampling. List the types of sampling techniques. Explain about probability sampling techniques.
2. What are the characteristics of experimental research designs? Explain the types of true experimental designs.

**SHORT ESSAYS TYPE****7 x 5 = 35 Marks**

3. Enumerate the steps of quantitative research process.
4. Explain the classification of hypotheses.
5. Explain the process of preparing review of literature.
6. **Describe the criteria of a good research problem.**
7. Describe about the scales of measurement.
8. The duration of hospital stay of five patients was 6,4,2,3 and 5 days. Compute the standard deviation.
9. Discuss the various data collection instruments.

**SHORT ANSWERS****10 x 2 = 20 Marks**

10. State any four needs of nursing research.
11. Define pilot study.
12. State any four principles of tabulation.
13. State any four uses of statistics in health field.
14. Define mode.
15. What is Karl Pearson's correlation co-efficient?
16. Define Type II error.
17. What is a foot note?
18. Define validity and reliability.
19. Mention two methods by which the research reports are presented.

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