

# Rajiv Gandhi University of Health Sciences, Karnataka

**III Year B.Sc. Nursing Degree Examination - APRIL-2019**

**(RS4 – Batch 2015 – 2016 Batch Admission Onwards)**

**IV Year B.Sc. Nursing Degree Examination – APRIL-2019**

**(RS2 – Batch 2007-2008 & RS3 Batch 2008-2009)**

**Time: Three Hours**

**Max. Marks: 75 Marks**

## **Nursing Research and Statistics**

**Q.P. CODE: 1773**

Your answers should be specific to the questions asked

Draw neat, labeled diagrams wherever necessary

### **ESSAYS TYPE (Any Two)**

**2 x 10 = 20 Marks**

1. a) Define nursing research.  
b) Explain the steps of a quantitative research process. (2+8)
2. a) Define Research Design.  
b) Explain Quasi Experimental Research Design in detail. (2+8)
3. a) Define sampling.  
b) List the factors that influence the sampling process.  
c) Explain questioning as a method of data collection. (2+3+5)

### **SHORT ESSAYS Type (Any Seven)**

**7 x 5 = 35 Marks**

4. Write five differences between qualitative and quantitative research.
5. What is tabulation and classification of data?
6. The weight in kgs of 15 children as follows: 10, 6, 16, 5, 10, 5, 7, 10, 15, 7, 8, 11, 13, 18 and 9. Calculate the mean, mode and median for the data.
7. What are the various sources for review of literature?
8. Explain the types of observation used in data collection.
9. What is coefficient of correlation?
10. How will you critique a published research article?
11. List the non-probability methods of sampling. Describe any two of them. (2+3)
12. What are the different graphical methods for presenting data?

### **SHORT ANSWERS**

**10 x 2 = 20 Marks**

13. List the measures of dispersion.
14. Define Validity of a tool.
15. Define mode by giving an example.
16. Draw a neat pie diagram.
17. List the characteristics of a Good Research Problem
18. What is Chi-square test?
19. What is Simple random sampling?
20. Define Independent variable.
21. What is Descriptive statistics?
22. What is Ordinal scale of measurement?

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