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)

 $2 \times 10 = 20 \text{ Marks}$

- 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)

 $7 \times 5 = 35 \text{ Marks}$

- 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?
