

# Rajiv Gandhi University of Health Sciences, Karnataka

IV Year B.Sc. Nursing Degree Examination – SEP - 2016

Time: Three Hours

Max. Marks: 75 Marks

## NURSING RESEARCH AND STATISTICS (RS-2)

**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) Write the steps of quantitative research process. (2+8)
2. a) Define research design.  
b) What are the characteristics of true experimental research?  
c) Describe Quasi-experimental design. (2+3+5)
3. a) List the sources of research problem.  
b) What are the criteria for selecting a research problem? (4+6)

### SHORT ESSAYS Type (Any Seven)

7 x 5 = 35 Marks

4. Sources of Review of Literature
5. Non probability sampling
6. Uses of computers in research
7. Scales of measurement
8. Questionnaire
9. Validity of a tool
10. Steps in writing Research Report
11. Measures of central tendency
12. Diastolic BP of ten patients are given below. Calculate the standard deviation (SD).  
130, 110, 160, 120, 170, 120, 150, 140, 160, 140

### SHORT ANSWERS

10 x 2 = 20 Marks

13. Chi-square test
14. SPSS
15. Pie diagram
16. Systematic sampling
17. Range
18. Deductive reasoning
19. Coefficient of correlation
20. Median
21. List four characteristics of a Good Table.
22. Semantic differential scale

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