

Rajiv Gandhi University of Health Sciences, Karnataka

IV Year B.Sc. Nursing Degree Examination – APRIL-2018

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)

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

- 1. Define nursing research and describe in detail the steps involved in quantitative research process. (2+8)
- 2. Define Validity of a research instrument and describe in detail types of validity. (4+6)
- 3. a) List various methods of data collection.
 - b) Describe advantages and disadvantages of interview method in detail. (4+6)

SHORT ESSAYS Type (Any Seven)

 $7 \times 5 = 35 Marks$

- 4. Explain the need for Research in Nursing.
- 5. Briefly describe the types of qualitative research.
- 6. Explain criteria of a good research problem.
- 7. Uses of statistics in nursing
- 8. Explain characteristics of experimental research design.
- 9. What are the sources of review of literature?
- 10. Explain types of probability sampling techniques with suitable examples.
- 11. What are the barriers to research utilization in nursing?
- 12. What is pilot study? Explain purposes of pilot study.

SHORT ANSWERS 10 x 2 = 20 Marks

- 13. Define independent and dependent variable.
- 14. What is the meaning of descriptive research design?
- 15. What are the types of correlation?
- 16. What is quasi-experimental design?
- 17. What is sampling frame?
- 18. Define population.
- 19. What is a problem statement?
- 20. List types of reliability.
- 21. Calculate the mean of these numbers: 23, 24, 26, 27, 35.
- 22. List-out the properties of normal probability curve.
