

**Q.P. CODE:346**  
**DR NTR UNIVERSITY OF HEALTH**  
**SCIENCES :: AP :: VIJAYAWADA**  
**B.Sc(Nursing) DEGREE EXAMINATIONS -**  
**FEBRUARY, 2022**  
**FOURTH YEAR EXAMINATION - 4 YDC**  
**NURSING RESEARCH & STATISTICS (New**  
**Scheme)**

Time: 3 Hours

Max. Marks: 75

Note: Answer Part-A & B in TWO separate answer books. Questions in Part'A' should not be answered in Part'B' and Vice versa. Otherwise they will not be valued.

**PART-A (NURSING RESEARCH) – 50**  
**MARKS**

**Write an essay on any TWO of the following:**

- 1) Describe the steps of research process
- 2) Discuss the importance of research in nursing
- 3) Enumerate the experimental research and explain one group pretest post test method

**Write short notes on any FOUR of the following:**

- 4) Need for research objectives
  - 5) Data sources
  - 6) Purposes of review of literature
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- 7) Probability sampling
- 8) Pretesting the data collection package
- 9) Crossover research design

**Write brief answers on the following:**

- 10) Define Reliability
- 11) Define Variable
- 12) Define Limitations
- 13) Define Data compilation
- 14) Define Assumptions

## **PART-B (STATISTICS) – 25 MARKS**

**Write an essay on any ONE of the following**

- 15) List the important measures of central tendency and explain any one of them
- 16) Compute Karl Pearson's correlation coefficient for the following data

Weight (kgs)

Cholesterol (mg/dl)

60

120

70

130

80

90

140

150

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**Write short notes on any TWO of the following:**

- 17) Types of tables
- 18) Bar diagram
- 19) Uses of statistics
- 20) Parametric tests

**Write brief answers on the following:**

- 21) Define the Degree of freedom
- 22) Define Frequency distribution
- 23) Define Dispersion

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