

**Q.P. CODE:346**  
**DR NTR UNIVERSITY OF HEALTH**  
**SCIENCES :: AP :: VIJAYAWADA**  
**B.Sc(Nursing) DEGREE EXAMINATIONS –**  
**SEPTEMBER, 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: 2x10=20**

- 1) Discuss the characteristics of an ideal measuring tool
- 2) Enumerate the data collecting tools. Explain interview method
- 3) Explain the major steps in doing review of literature

**Write short notes on any FOUR of the following:**  
**4x5=20**

- 4) Characteristics of good research
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- 5) Pilot study
- 6) Structured observation
- 7) Survey research
- 8) Principles of writing research report
- 9) Ethnography

**Write brief answers on the following: 5x2=10**

- 10) Define Convenience sampling
- 11) Define Content validity
- 12) Define Operational definitions
- 13) Define nursing research
- 14) Define Data interpretation

## **PART- B (STATISTICS) – 25 MARKS**

**Write an essay on any ONE of the following 1x9=9**

- 15) Explain the types of correlation coefficient with diagrams
- 16) Explain the statistical packages for statistical analysis and their application

**Write short notes on any TWO of the following:  
2x5=10**

- 17) Properties of normal probability curve
- 18) General principles of tabulation
- 19) Type I error
- 20) Histogram

**Write brief answers on the following: 3x2=6**

- 21) Define Variance
- 22) Define Arithmetic mean
- 23) Define t-test

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