

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 2x10=20
- 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 4x5=20
 - 5) Data sources
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- 6) Purposes of review of literature
- 7) Probability sampling
- 8) Pretesting the data collection package
- 9) Crossover research design

Write brief answers on the following:

- 10) Define Reliability $5 \times 2 = 10$
- 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 $1 \times 9 = 9$
- 16) Compute Karl Pearson's correlation coefficient for the following data
Weight (kgs) 60 70 80 90
Cholesterol (mg/dl) 120 130 140 150

Write short notes on any TWO of the following:

- 17) Types of tables $2 \times 5 = 10$
- 18) Bar diagram
- 19) Uses of statistics
- 20) Parametric tests

Write brief answers on the following:

21) Define the Degree of freedom $3 \times 2 = 6$

22) Define Frequency distribution

23) Define Dispersion

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