

Q.P. CODE:346
DR NTR UNIVERSITY OF HEALTH
SCIENCES :: AP :: VIJAYAWADA
B.Sc(Nursing) DEGREE EXAMINATIONS –
AUGUST, 2021
FOURTH YEAR EXAMINATION – 4 YDC
NURSING RESEARCH & STATISTICS
(New Scheme)

Time: 3 Hours

Max. Marks: 75

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) Explain in detail the non-experimental research designs 2x10=20
- 2) Explain the steps in formulation of Research problem
- 3) Discuss the probability sampling techniques

Write short notes on any FOUR of the following:

- 4) Questionnaire 4x5=20
 - 5) Methods of communication of research
 - 6) Phenomenology
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- 7) Reliability
- 8) Confounding variables
- 9) Types of hypothesis

Write Brief Answers of the following:

- 10) Define Manipulation $2 \times 5 = 10$
- 11) Define Population
- 12) Define Operational definition
- 13) Define Research objectives
- 14) Define Assumptions

PART- B (STATISTICS) – 25 MARKS

Write an essay on any ONE of the following:

- 15) Define standard deviation. Compute standard deviation for the blood cholesterol levels (md/dl) of ten persons – 240, 260, 290, 245, 255, 288, 272, 263, 277, 257 $1 \times 9 = 9$
- 16) Describe the normal probability curve

Write short notes on any TWO of the following:

- 17) Type II error $2 \times 5 = 10$
- 18) Data compilation
- 19) Pie diagram
- 20) Parts of a table

Write Brief Answers of the following:

- 21) Define Perfect positive correlation $3 \times 2 = 6$

22) Define Median

23) Define Data interpretation

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