

Q.P. CODE:346
DR NTR UNIVERSITY OF HEALTH
SCIENCES :: AP :: VIJAYAWADA
B.Sc(Nursing) DEGREE EXAMINATIONS –
FEBRUARY, 2021
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) Enumerate the purposes and methods of review of literature.
- 2) Enumerate the data collection methods. Explain observation method.
- 3) Explain the characteristics of good research. 2x10=20

Write short notes on any FOUR of the following:

- 4) Need for nursing research
 - 5) Validity and reliability
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- 6) Solomon four group design
- 7) Difference between qualitative and quantitative research methods
- 8) Survey method
- 9) Communication of research findings 4x5=20

Write Brief Answers of the following:

- 10) Differentiate between reliability and validity of test
- 11) Define Null of hypothesis
- 12) Enumerate the types of sampling
- 13) Mention the purposes of qualitative research
- 14) List any four conceptional frame work 2x5=10

PART- B (STATISTICS) – 25 MARKS

Write an essay on any ONE of the following:

- 15) Calculate the mean and standard deviation for the following cholesterol values 200, 220, 240, 230, 280, 320, 250, 270. 1x9=9
- 16) What is statistics? Explain the importance of statistics in nursing.

Write short notes on any TWO of the following:

- 17) Normal probability curve
- 18) Measures of central tendency briefly
- 19) Chi-Square Test
- 20) Measures of Correlation 2x5=10

Write Brief Answers of the following:

- 21) Define Mean and mode
- 22) Define Paired T test
- 23) Define Bar diagram $3 \times 2 = 6$

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