

Third Year B.Sc Nursing Degree Regular/Supplementary Examinations
May 2022
Nursing Research and Statistics
(2016 Scheme)

Time: 3 Hrs

Max. Marks: 75

- Answer all questions to the point neatly and legibly
Do not leave any blank pages between answers
Indicate the question number correctly for the answer in the margin space
Answer all parts of a single question together
Leave sufficient space between answers
Draw table/diagrams/flow charts wherever necessary

Nursing Research

Max. Marks: 50
(2x7=14)

Short essay

- 1. Explain true experimental research designs with examples.
2. Discuss various methods of data collection.

Short notes

(4x5=20)

- 3. Need and scope of nursing research
4. Different methods of literature review
5. Factors influencing sampling process
6. Presentation of data

Differentiate between

(4x4=16)

- 7. Hypothesis – assumption
8. Ethnography – phenomenology
9. Probability sampling – non probability sampling
10. Verbal research report – written research report

Statistics

Max. Marks: 25

Statistical Calculation

(7)

11. The following are the weight of 470 infants. Calculate mean and standard deviation.

Table with 7 columns: Weight (in Kg), 2.0-2.4, 2.5-2.9, 3.0-3.4, 3.5-3.9, 4.0-4.4, 4.5-4.9 and 7 rows: Frequency, 17, 97, 187, 135, 28, 6

Short notes

(6x3=18)

- 12. Pie chart
13. Frequency distribution table
14. Mode
15. Independent 't' test
16. Coefficient of Correlation
17. Statistical packages
