

Third Year B.Sc Nursing Degree Regular/Supplementary Examinations  
January 2024  
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
- The use of a simple calculator is allowed, but using scientific calculator or sharing any calculator is strictly prohibited under any circumstance.

**Nursing Research**

Max. Marks: 50

**Short essays**

(2x7=14)

1. Discuss the various methods of data collection
2. Explain types of validity and reliability with examples

**Short notes**

(4x5=20)

3. Characteristics of good research
4. Advantages and disadvantages of qualitative research
5. Different types of rating scales
6. Factors influencing sampling process

**Differentiate between**

(4x4=16)

7. Objectives of the study – Purpose of the study
8. Independent variable – Dependent variable
9. Phenomenology – Grounded theory
10. Structured interview – Unstructured interview

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**Statistics**

Max. Marks: 25

**Statistical Calculation**

(7)

11. The following data is the weight (in Kgs) of 100 students.

Estimate the Mean and Standard Deviation. (There is no change in data) Marks: (3+4)

Weight (Kgs)	40-50	50-60	60-70	70-80	80-90
Number of students	40	25	20	10	5

**Short notes**

(6x3=18)

12. Descriptive statistics
13. Pie Chart
14. Measures of central tendency
15. Histogram
16. Statistical packages
17. Independent 't' Test

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