

Q.P. CODE: 314010

Reg. No:

**Third Year B.Sc Nursing Degree Supplementary Examinations January 2025
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. List the purposes of conducting nursing research and elaborate the ethical concerns involved in conducting a study
2. Explain the types of hypothesis with suitable examples

Short notes

(4x5=20)

3. Types of variables
4. Observation as a method of data collection
5. Purposes of literature review
6. Quasi – Experimental design

Differentiate between

(4x4=16)

7. Normal and Ordinal data with example
8. Interview schedule and Questionnaire
9. Experimental and Non – experimental design
10. Validity and Reliability

Statistics

Max. Marks: 25

Statistical Calculation

(7)

11. The Haemoglobin values for the students of a school are given below. Calculate the mean, median and standard deviation

7	10	8	9	11	10	9	8	11	10	12
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Short notes

(6x3=18)

12. Factors influencing sampling
13. Features and principles of tabulation of data
14. Types of Bar graph
15. Steps of analysis of data
16. Merits and demerits of Mode
17. Chi – square test
