

**Third Year B.Sc Nursing Degree Supplementary Examinations June 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. Explain the methods and types of writing research report
2. Explain any two methods of data collection with suitable examples

**Short notes****(4x5=20)**

3. Non probability sampling techniques
4. Components of problem statement
5. Write a brief note on four types of qualitative research
6. Need for Nursing Research

**Differentiate between****(4x4=16)**

7. Non experimental research design - experimental research design
8. Limitations - Delimitations
9. Hypothesis - Assumption
10. Non participant observation - Participant Observation

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**Statistics****Max. Marks: 25****Statistical Calculation****(7)**

11. Draw the histogram of the following data

Weight of under five (Kg)	6-8	8-10	10-12	12-14	14-16
Frequency(f)	12	30	49	8	10

**Short notes****(6x3=18)**

12. Find out the Standard deviation of following data 35, 45, 32, 30, 34, 33, 40, 41, 34.
13. Uses of statistical packages in nursing.
14. Level of significance
15. Measures of central tendency
16. Un Paired 't' test
17. Guidelines for tabulation

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