

Third Year B.Sc Nursing Degree Supplementary Examinations October 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****Short essays****(2x7=14)**

1. Explain the research approach and design to identify the life style risk factors among obese women.
2. Explain various probability sampling methods.

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

3. Characteristics of good research
4. Components of problem statement
5. Online sources for review of literature
6. Advantages of quantitative research design

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

7. Simple random sampling and stratified random sampling
8. Objectives and hypothesis
9. Phenomenology and grounded theory
10. Self-report and observation

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

11. The exercise pattern of a group of school going boys and girls is collected. Calculate the chi-square value for the following data.

	Boys	Girls
No exercise	76	36
Walking	38	64
Dancing	12	26
Total	126	126

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

12. Scales of measurement
13. Frequency distribution
14. Standard deviation
15. Statistical package
16. Descriptive statistics
17. Pie chart
