

Q.P. CODE: 314010

Reg. No:

**Third Year B.Sc Nursing Degree Supplementary Examinations
September 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. Define qualitative research and explain briefly the different types of qualitative research designs
2. Define research problem and explain the criteria of a good research problem

Short notes

(4x5=20)

3. Steps of scientific method
4. Hypothesis
5. Reliability of an instrument
6. Writing a research report

Differentiate between

(4x4=16)

7. Rating scale and Checklist
8. Primary and Secondary sources of data
9. Independent and Dependent variable
10. Prospective and Retrospective design

Statistics

Max. Marks: 25

Statistical Calculation

(7)

11. For the data given below, calculate the Chi square and find out if there is a significant difference in the bowel movements among critically ill patients with positive and negative 24 hours' fluid balance

Bowel movements	24 hrs. fluid balance		Total	Table value of Chi-Square
	Positive	Negative		
Present	403	19	422	3.84, df= 1
Absent	278	20	298	
Total	681	39	720	

Short notes

(6x3=18)

12. Sampling techniques
13. Independent t test
14. Measures of Central tendency
15. Scales of measurement with one example each
16. Graphical presentation of data
17. Use of statistics
