

Q.P. CODE: 314010

Reg. No: .....

**Third Year B.Sc Nursing Degree Regular/Supplementary Examinations**  
**April 2023**  
**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. Discuss the different types of quasi-experimental design with examples
2. Describe the different types of probability sampling

**Short notes**

(4x5=20)

3. Need and scope of nursing research
4. Sources of review of literature
5. Descriptive research design.
6. Types of Reliability

**Differentiate between**

(4x4=16)

7. Problem solving method – Scientific method
8. Hypothesis – Assumption
9. Independent variable- Dependent variable.
10. Observation – Self report

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**Statistics**

Max. Marks: 25

**Statistical Calculation**

(7)

11. The following are the age and glucose level of the six individuals.

Compute the correlation coefficient from the following data and interpret the results.

X (age)	49	21	25	32	57	59
Y (glucose level)	85	65	79	75	87	81

**Short notes**

(6x3=18)

12. Graphical presentation of data
13. Frequency distribution table
14. Mean
15. Standard deviation
16. Normal distribution
17. Levels of measurement

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