Second Year Post Basic B.Sc Nursing Degree Supplementary Examinations April 2024

Introduction to Nursing Research & Statistics
(2016 Scheme)

Time: 3 hours   **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 diagrams wherever necessary • Answer Section A and Section B in same answer book*
- *The use of a simple calculator is allowed, but using scientific calculator or sharing any calculator is strictly prohibited under any circumstance.*

Section A – Nursing Research   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. Research utilization
6. Types of Reliability

Differentiate between: **(4x4=16)**
7. Likert Scale and Checklist
8. Purposive sampling and Convenience sampling
9. Hypothesis and Assumption
10. Theoretical model and Conceptual model

Section B: Statistics   Marks: 25

11. The age and the glucose level of the individuals are given below.
    Compute the correlation coefficient and interpret the results: **(6)**

X (age)	35	21	25	42	58	60
Y (glucose level)	85	65	79	75	87	89

Short Notes: **(2x5=10)**
12. Graphical presentation of data
13. Frequency distribution table

Answer Briefly: **(3x3=9)**
14. Standard deviation
15. Normal distribution
16. Chi square test

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