

QP Code: 216011

Reg. No: .....

**Second Year Post Basic B.Sc Nursing Degree Supplementary  
Examinations May 2023**

**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*

**Section A – Nursing Research**

**Marks: 50**

**Short Essays:**

**(2x7=14)**

1. Explain the methods of data collection in research
2. Explain the merits and demerits of different research designs

**Short Notes:**

**(4x5=20)**

3. Uses of internet in nursing research
4. Characteristics of good research
5. Types of hypothesis with examples
6. Validity of instruments

**Differentiate between:**

**(4x4=16)**

7. Type I and Type II error
8. Delphi technique and Focus group discussion
9. Phenomenology and Ethnography
10. Interrater and test-retest reliability

**Section B: Statistics**

**Marks: 25**

11. Calculate the mean and median for the following data  
42, 47, 18, 92, 33, 29, 76, 19, 45, 51, 47, 30, 64, 47, 85

**(6)**

**Short Notes:**

**(2x5=10)**

12. Pie diagram
13. Coefficient of correlation

**Answer Briefly:**

**(3x3=9)**

14. Non-probability sampling techniques
15. Scales of measurement
16. Standard deviation

\*\*\*\*\*