

**Second Year Post Basic B.Sc Nursing Degree Supplementary
Examinations June 2022**

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. Define pilot study and discuss its importance in a research study
2. Explain the utilization of research findings in nursing

Short Notes:

(4x5=20)

3. Sources of literature
4. Hypothesis
5. Descriptive design
6. Reliability testing

Differentiate between:

(4x4=16)

7. Quantitative and qualitative research
8. Purposive sampling and convenience sampling
9. Grounded theory and ethnography
10. Likert scale and check list

Section B: Statistics

Marks: 25

11. Calculate the mean and SD for the following data on hospital stay of 10 patients **(6)**
10, 8, 14, 28, 3, 7, 8, 9, 11, 2

Short Notes:

(2x5=10)

12. Inferential statistics
13. Principles of tabulation

Answer Briefly:

(3x3=9)

14. Pie diagram
15. t- test
16. Median
