

**Second Year Post Basic B.Sc Nursing Degree Regular/Supplementary
Examinations April 2021**

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. Discuss the factors to be considered during critical review of a research study
2. Explain the importance and types of review of literature

Short Notes:

(4x5=20)

3. Sampling criteria
4. Survey method
5. Record analysis
6. Criteria of a good research problem

Differentiate between:

(4x4=16)

7. Ethnography and phenomenology
8. Null hypothesis and research hypothesis
9. Reliability and validity
10. Open ended and closed ended questions

Section B: Statistics

Marks: 25

11. Calculate the coefficient of correlation for the following data

(6)

Hb	–	9.5, 10, 8.2, 7, 6.3
S. creatinine	–	3.2, 2.0, 4.1, 5.0, 7.9

Short Notes:

(2x5=10)

12. Measures of central tendency
13. SPSS

Answer Briefly:

(3x3=9)

14. Scatter plot
15. Chi-square test
16. Standard deviation
