

QP Code: 216011

Reg. No:

**Second Year Post Basic B.Sc Nursing Degree Regular/Supplementary
Examinations November 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
(2x7=14)**

Short Essays:

1. Discuss the various methods of data collection.
2. Explain types of validity and reliability with examples

Short Notes:

(4x5=20)

3. Characteristics of good research
4. Advantages and disadvantages of qualitative research
5. Criteria of a good research problem
6. Factors influencing sampling process

Differentiate between:

(4x4=16)

7. Primary data and Secondary data
8. Independent variable and Dependent variable
9. Research utilization and Research communication
10. Hypothesis and assumption

Section B: Statistics

Marks: 25

11. The data is the weight in (Kgs) of 100 students. Estimate the mean and standard deviation: **(6)**

Weight (Kgs)	40-50	50-60	60-70	70-80	80-90
Number of students	40	25	20	10	5

Short Notes:

(2x5=10)

12. Descriptive statistics
13. Principles of Tabulation

Answer Briefly:

(3x3=9)

14. Measures of central tendency
15. Histogram
16. Pie Diagram
