

QP Code: 216011

Reg. No:

**Second Year Post Basic B.Sc Nursing Degree Supplementary
Examinations March 2025**

**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 in detail the steps of research process
2. Explain the characteristics of true experimental design with examples

Short Notes:

(4x5=20)

3. Different methods of literature review
4. Sources of data with examples
5. Uses of conceptual model in research
6. Types of validity of research tool.

Differentiate between:

(4x4=16)

7. Operational definition and Conceptual definition
8. Probability sampling and non-probability sampling
9. Verbal research report and written research report
10. Quantitative research and Qualitative research

Section B: Statistics

Marks: 25

11. The Mid-arm circumference (in cm) of 13 male children aged 5 months is given below. Calculate the Mean and Standard Deviation: **(6)**

14	12	11	15	13	14	10	12	13	11	12	14	13
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Short Notes:

(2x5=10)

12. Bar diagram
13. Scales of measurement

Answer Briefly:

(3x3=9)

14. Uses of statistics
15. Mode
16. Chi-square Test
