

**First Year MSc Nursing Degree Regular/Supplementary Examinations
October 2025**

**Nursing Research & Statistics
(Common for all specialties)
(2016 Scheme)**

Time: 3 hrs

Max Marks: 100

- *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*
- *Write Section A (52 Pages) and Section B (32 Pages) in separate answer books. Do not mix up questions from Section A and Section B. • Draw Diagrams wherever necessary.*
- *The use of a simple calculator is allowed, but using scientific calculator or sharing any calculator is strictly prohibited under any circumstance.*

Q.P. Code: 113375

Section A – Nursing Research

Max. Marks: 75

Long Essays:

(2x15=30)

1. A researcher plans to carry out a study on a question “how does nurse-patient ratio affect the quality of patient care in healthcare settings”. Identify the research design to be used. Explain the methodology of carrying out the study. Describe the potential limitations and biases in the selected study design.
2. Describe the factors influencing sampling. Explain the types of non-probability sampling

Short Essays:

(3x10=30)

3. Preexperimental designs with example
4. Importance of Review of literature
5. Steps in development of an instrument

Short Notes:

(3x5=15)

6. Significance of research in nursing
7. Types of data with example
8. Communication of research findings

Q.P. Code: 114375

Section B – Statistics

Max. Marks: 25

Long Essays:

(10)

1. Given the following data of patient wait times (in minutes) at a hospital:
10, 15, 12, 18, 20, 25, 22, 15, 30, 17
Calculate the mean and median wait time. Compute the standard deviation for this data

Short Notes:

(3x5=15)

2. Measures of variability
3. Difference between inferential and descriptive statistics
4. Concept of probability and its significance in inferential statistics

CORRECTION / NO-CORRECTION FILE
--

QPCODE: 113375

Dated: 29-10-2025

QP CODE : 113375

Question No.3

Replaced With "Characteristics of a good research question."

QP CODE : 114375

There are no corrections.

Corrections/Modifications/Replacement of Questions if any shall be made available to all students. Take the print out of the Correction File in such cases and distribute to all students.

(Sd/-)

CONTROLLER OF EXAMINATIONS