

**First Year M.Sc Nursing Degree Supplementary Examinations
April 2024**

**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 titled “A Study to assess the ventilator associated complications in mechanically ventilated patients admitted in the intensive care units of a tertiary care hospital”. Identify the data collection instrument that the researcher may choose and explain the steps in developing the instrument.
2. Describe probability and non-probability sampling and explain the types of probability sampling.

Short Essays:

(3x10=30)

3. Components of a research proposal
4. Types of research designs
5. Steps in literature review

Short Notes:

(3x5=15)

6. Criteria for a good problem statement
7. Pilot study
8. Classification of data with examples

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Section B – Statistics

Max. Marks: 25

Long Essays:

(10)

1. The following data are the age and glucose levels of 6 individuals. Compute the correlation coefficient and interpret the results:

X (age)	43	21	25	42	57	59
Y (glucose level)	9	65	79	75	87	81

Short Notes:

(3x5=15)

2. Types of variables with examples
3. Difference between Parametric test and Nonparametric test
4. Vital Statistics
