First Year M.Sc Nursing Degree Supplementary Examinations May 2023

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.*

Q.P. Code: 113375   Section A – Nursing Research   Max. Marks: 75

Long Essays: (2x15=30)

1. A researcher plans to undertake a study to evaluate the impact of nurse led multidisciplinary family meeting on satisfaction of family members of patients in intensive care unit. What research design can be used to examine this problem. Justify your choice and explain the design in detail
2. Differentiate the terms population, sample and sampling. Discuss the various factors influencing sampling.

Short Essays: (3x10=30)
3. Explain type I & type II errors and measures to minimize them
4. Enumerate the different phases of nursing research
5. Discuss the steps in performing literature review

Short Notes: (3x5=15)
6. Observational method
7. Research proposal purposes
8. Variables

Q.P. Code: 114375   Section B – Statistics   Max. Marks: 25

Long Essays: (10)
1. In a study on cardiovascular risk factors among young adults, the occurrence of type II diabetes and hypertension are examined and tabulated below:

Type II Diabetes	Hypertension		
	No	Yes	Total
No	2,105	51	2,156
Yes	57	5	62
Total	2,162	56	2,218

Compute the data and give the conclusion. Table value 6.63 at 0.01 level of significance

Short Notes: (3x5=15)
2. Frequency distribution
3. Randomized block design
4. Use of computer for data analysis

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