First Year M.Sc Nursing Degree Regular/Supplementary Examinations January 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 carry out a study titled "A study on oral health related quality of life among older adults in selected villages." Identify the data collection instrument that the researcher must choose and explain the steps in developing the instrument.
2. Explain the characteristics of true experimental design with examples

Short Essays: **(3x10=30)**
3. Differentiate between probability and non-probability sampling
4. Discuss the guidelines for writing literature review
5. Writing a research report

Short Notes: **(3x5=15)**
6. Importance of ethics in nursing research
7. Conceptual model
8. Functions of pilot study

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

Long Essays: **(10)**
1. The Mid-arm circumference (in cm) of 12 male children aged 4 months is given below:

13	11	10	12	13	14	9	12	13	11	12	14

- Calculate the Mean, Median and Standard Deviation
- Explain the properties of Normal distribution   (6+4)

Short Notes: **(3x5=15)**
2. Scales of measurement
3. Correlation technique.
4. Difference between Type 1 and Type 2 errors

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