First Year MSc Nursing Degree Regular/Supplementary Examinations October 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 nurse researcher is interested to study the efficacy of two different interventions in reducing complications in patients who had undergone CABG. Identify the most appropriate design to study this research problem and prepare a study proposal for their research problems.
2. Define Research Design, classify the various types of Research Design and discuss in detail true experimental designs.

Short Essays: **(3x10=30)**
3. Define research problem. Discuss the steps involved in research process.
4. Discuss future trends in Nursing Research.
5. List down the different tools in data collection.

Short Notes: **(3x5=15)**
6. Conceptual frame work.
7. Critiquing the research report.
8. Factors influencing sampling.

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

Long Essays: **(10)**
1. Compute arithmetic mean, median, mode, standard deviation and coefficient of variation for the following data.

Weight of adolescents girls (in pounds)	Number of girls
40-59	50
60-79	250
80-99	450
100-119	150
120-139	50

Short Notes: **(3x5=15)**
2. Null and research hypothesis.
3. FChi-Square test.
4. Uses of vital statistics.

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