First Year M.Sc Nursing Degree Supplementary Examinations
March 2021

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 conduct a study to assess the knowledge of nursing personnel in caring for patients living with human immunodeficiency virus. Identify the most appropriate data collection instrument that the researcher must choose and explain the steps in developing the instrument.

2. Discuss the historical evolution of nursing research

Short Essays: **(3x10=30)**
3. Differentiate the characteristics of qualitative research from quantitative research
4. Explain the levels of measurement
5. Discuss the guidelines for writing literature review

Short Notes: **(3x5=15)**
6. Research utilization
7. Pilot study
8. Conceptual model

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

Long Essays: **(10)**

1. Does the proportion of overweight in men and women differ significantly. Compute the data using Chi-square ($\chi 2$) test and give the conclusion. Table value 3.84, at 0.05 level of significance.

Gender	overweight	Normal	Total
Men	285	873	1,158
Women	299	753	1,052
Total	584	1,626	2,210

Does the proportion of overweight in men and women differ significantly. Compute the data and give the conclusion. Table value 3.84, at 0.05 level of significance

Short Notes: **(3x5=15)**
2. Measures of central tendency
3. Probability
4. Vital statistics

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