First Year M.Sc Nursing Degree Supplementary Examinations May 2022

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 "Perceived body image among high
   school students in selected schools". Identify the data collection instrument that the
   researcher must choose and explain the steps in developing the instrument.
2. Discuss the different types of quantitative research design with examples

Short Essays: **(3x10=30)**
3. Sampling techniques
4. Describe the types of rating scales with examples
5. Characteristics of scientific article writing

Short Notes: **(3x5=15)**
6. Types of hypothesis in research
7. Compilation and coding of data
8. Sources of literature

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

Long Essays: **(10)**
1. The following data is the weight (in Kgs) of 100 students. Estimate the standard
   deviation and the coefficient of variation:

Weight (Kgs)	40-50	50-60	60-70	70-80	80-90
Number of students	10	20	40	20	10

Short Notes: **(3x5=15)**
2. Levels of measurement
3. Characteristics of normal probability curve
4. Merits and demerits of measures of central tendency

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