Third Year (Basic) B. Sc. (Nursing) Examination
August - 2022
Nursing Research and Statistics

Time : **3** Hours]   [Total Marks : **75**

SECTION- I   (38 Marks)

1   Long Essay : (any **one**)   15×1=15
    (a)   Define Data & Explain Methods of data collection.
    (b)   Define Sampling. Classify Sampling Techniques and explain non probability sampling techniques in detail.

2   Write Short notes on following : (any **three**)   5×3=15
    (a)   Characteristics of good research Problem.
    (b)   Epidemiological Research Design.
    (c)   Scales of Measurement.
    (d)   Explain Review Literature

3   Briefly Answer the following : (any **four**)   2×4=8
    (a)   Define Null Hypothesis.
    (b)   Define Variable. list out its types
    (c)   List out Types of objectives.
    (d)   List out steps of formulation of Research problem.
    (e)   List out advantages of experimental research.

SECTION- II   (37 Marks)

4   Long Essay : (any **one**)   10×1=10
    (a)   Define Research & Explain Steps of Research Process in detail.
    (b)   Steps of Analysis of Quantitative data.

5   Write Short notes on following : (any **three**)   5×3=15

   (a)   Factors affecting Utilization of Research.

   (b)   Statistical Packages & its application in nursing Research.

   (c)   Find out arithmetic mean of following discrete frequency table.

Weight in Kg.	2.5	3	3.5	4
No of Newborn	6	6	4	2

   (d)   Methods of communication of research

6   Briefly Answer the following :   2×6=12

   (a)   Define standard deviation.

   (b)   Enlist the types of graphs.

   (c)   Define Evidence based practice.

   (d)   List out factors affecting internal validity of research design.

   (e)   Properties of Normal Probability Curve.

   (f)   List out types of correlation coefficient.

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