B.Sc. (Nursing) DEGREE EXAMINATION
(New Regulations for the candidates admitted from 2012-2013 onwards)
FINAL YEAR
PAPER III – NURSING RESEARCH & STATISTICS

Q.P. Code: 664733

Time: Three Hours   **Maximum : 75 Marks**

SECTION - A
NURSING RESEARCH

I. Elaborate on: **(1 x 15 = 15)**

1. Define Sampling. Explain the types of sampling techniques with suitable examples.

II. Write notes on: **(5 x 5 = 25)**

1. Non - Experimental Research design.
2. Validity and reliability of instruments.
3. Differentiate between Quantitative and Qualitative research.
4. Observation methods of data collection.
5. Research Critique.

III. Short answers on: **(5 x 2 = 10)**

1. Write the uses of research in nursing.
2. Types of Hypothesis.
3. Define Randomization.
4. Types of writing research reports.
5. Types of rating scale.

SECTION - B
STATISTICS

I. Elaborate on: **(1 x 15 = 15)**

1. Calculate Correlation coefficient for the following data:

    X: 2   4   6   8   10
    Y: 3   9   4   6   4

II. Short answers on: **(5 x 2 = 10)**

1. Define Statistics.
2. Type I and Type II error.
3. Define range.
4. List two properties of normal probability curve.
5. Find the mean of the following data: 4, 5, 8, 2, 5.

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