

[LO 1027]

FEBRUARY 2019

Sub. Code: 4724

B.Sc. (Nursing) DEGREE EXAMINATION
(New Regulations for the candidates admitted from 2012-2013 onwards)

THIRD YEAR

PAPER IV – NURSING RESEARCH & STATISTICS

Q.P. Code: 664724

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.
