

[LD 1027]

AUGUST 2013

Sub. Code: 4733

B.Sc (Nursing) DEGREE EXAMINATION
(New Regulations for the candidates admitted from 2006-07 onwards)

FINAL YEAR

Paper III – NURSING RESEARCH AND STATISTICS

Q.P. Code : 664733

Time : Three hours**Maximum : 100 marks**

SECTION –A
NURSING RESEARCH

I. Essay: **(2X20=40)**

1. What is data? Explain in detail about data collection techniques.
2. Explain the steps in research process.

II. Write Short Notes on : **(4X 5 =20)**

1. Sampling
2. Hypothesis
3. Research problem
4. Experimental research design

III. Short Answer Questions: **(5X 2 =10)**

1. Define Randomization.
2. Mention any two needs for research in nursing.
3. Define validity.
4. Define variables.
5. Definition of pilot study.

SECTION - B
STATISTICS

II. Write Short Notes on : **(4X 5 = 20)**

5. Chi-square test
6. Correlation
7. Procedure for test of significance
8. To compare their efficacy, 2 sleep producing drugs were tested independently on 5 patients. The following data gives the amount of sleep (in hours) the patients had after taking the drugs.

Drug A	6	2	4	5	3
Drug B	3	6	7	2	6

Compare the efficiencies of the two drugs on the basis of coefficient of variation.

III. Short Answer Questions: **(5X 2 = 10)**

6. Histogram
7. Standard deviation
8. Parametric test
9. Frequency distribution
10. Use of statistical package
