

[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
