

**February 2012****[LA 1027]****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 : 75 marks****Answer ALL questions.****NURSING RESEARCH****I. Elaborate on:****(1X15=15)**

1. a) Explain the purposes of research.
- b) Classify research design and explain any one research design with example.

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

1. Type I and Type II error.
2. Promoting utilization of research.
3. Dependant variable.
4. Exclusion criteria.

**III. Short Answer:****(7X 2 =14)**

1. What is validity and reliability?
2. Types of close ended questions.
3. Name any two types of data collection.
4. Define Manipulation.
5. Write the meaning of assumption.
6. Null hypothesis.
7. Research objectives.

**STATISTICS****I. Elaborate on:****(1X15=15)**

1. A workshop was conducted for five hours to improve the self efficacy. Twelve clients were participating in that workshop, the data was collected before and after the workshop was given below. Is the workshop benefit for the clients or not (table value 2.042)

Before : 48 56 58 60 61 61 62 63 64 66 66 66  
After : 73 78 67 74 72 73 65 79 77 80 78 79

**I. Write notes on :****(1X 5 =5)**

1. Co-efficient of Correlation.

**II. Short Answer:****(3X 2 = 6)**

1. What is Cohort Study?
2. Define Probability.
3. Differentiate Qualitative and Quantitative research.

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