

[LE 1027]

FEBRUARY 2014

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**

**SECTION A**  
**NURSING RESEARCH**

**I. Elaborate on:****(1x15=15)**

1. Explain the methods and types of writing research reports.

**II. Write Notes on:****(4x5 =20)**

1. Difference between qualitative and quantitative research designs
2. Sources and steps of review of literature
3. Ethics in nursing research
4. Evidence based practice

**III. Short Answer Questions:****(7x2 =14)**

1. Mention any four characteristics of nursing research
2. Expand (a) CINAHL (b) MEDLINE
3. Types of qualitative research
4. Hawthorne effect
5. Reliability
6. Define hypothesis
7. Sampling types

**SECTION B**  
**STATISTICS**

**I. Elaborate on :****(1x15 = 15)**

1. In a study find out the correlation coefficient between the distance from the health centre and the number of antenatal visits, with the following data.

Distance (Km): 2 2 4 6 7 8 9 10

No of Visits : 6 7 5 4 4 3 2 1

**II. Write Notes on:****(1x5 = 5)**

1. Steps involved in testing of hypothesis

**III. Short Answer Questions:****(3x2 = 6)**

1. Define Biostatistics
2. Advantages of diagrammatic representation
3. Write the properties of Mean.

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