

[LK 1027]

FEBRUARY 2017

Sub. Code: 4733

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

**FINAL YEAR**  
**PAPER III – NURSING RESEARCH & STATISTICS**

*Q.P. Code : 664733*

**Time: Three hours**

**Maximum : 75 Marks**

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

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

1. Explain experimental research designs with suitable examples.

**II. Write notes on:** **(5 x 5 = 25)**

1. Importance of nursing research.
2. Methods of data collection.
3. Criteria of good research problem.
4. Research variables.
5. Validity and reliability of an instrument.

**III. Short answers on:** **(5 x 2 = 10)**

1. What is descriptive research?
2. Define sampling.
3. State any four sources of literature review.
4. Mention two needs for research in nursing.
5. Define hypothesis.

**SECTION B**  
**STATISTICS**

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

1. a) What is statistics? Explain the importance of statistics in nursing.  
b) Explain the scales or levels of measurement.

**II. Short answers on:** **(5 x 2 = 10)**

1. Mention any four common diagrams used in statistics.
2. Write two properties of normal distribution.
3. Find out the range of following data 7, 6, 4, 3, 8, 12.
4. Find the mean 7, 3, 5, 4, 6, 4, 5.
5. State the types of correlation.

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