

[LF1027]

AUGUST 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 data collection tools with examples

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

1. Conceptual frame work
2. Item analysis
3. Interview method
4. Utilization of research findings

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

1. Need for nursing research
2. Randomization
3. Types of validity
4. Sampling error
5. Population
6. Case study
7. Define problem statement

SECTION B
STATISTICS

I. Elaborate on : (1x15 = 15)

1. A random sample of size 15 from a normal population yields a mean value of 2.23 and a variance of 7.33. Does this support the hypothesis that the population mean is '0'? (Table value : 2.145).

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

1. Define type-I and type-II error

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

1. Explain Bar chart.
2. Explain measures of Dispersion
3. Which test is used for samples of two different times, namely pre and post?
