

[LH 1027]

AUGUST 2015

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

SECTION A
(NURSING RESEARCH)

Time : Three Hours**Maximum : 75 marks****Answer ALL questions****I. Elaborate on:****(1 x 15 = 15)**

1. a) Role of nurse in research.
- b) Explain the types of research.

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

1. Problem statement.
2. Methods of data collection.
3. Critique of nursing research studies.
4. Non experimental design.
5. Pilot study.

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

1. Mention the various types of writing research reports.
2. Sampling criteria.
3. Research objectives.
4. Location of review of literature.
5. Discrimination index.

SECTION B
(STATISTICS)

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

1. A nutritional programme was organized to improve the Haemoglobin levels of children with deficiency. 8 children participated in the nutritional programme, the Haemoglobin levels of children before and after the programme are listed below.
Test if the nutritional programme benefited the children or not ($t = 2.365$ at 0.05 LOS)

Before	10.5	10.7	10.9	10.5	11.1	10.9	11.7	10.6
After	12.4	12.2	12.9	12.4	13.3	12.7	12.9	13.0

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

1. Find Mode: 2, 3, 7, 8, 6, 4, 4, 1.
2. Explain measures of central tendency briefly.
3. Explain pie chart.
4. What are the uses of a Graph?
5. What are the types of Correlation?