

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: (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?
