

KALOJI NARAYANA RAO UNIVERSITY OF HEALTH SCIENCES

WARANGAL, TELANGANA STATE – 506 002

M.SC (NURSING) FIRST YEAR DEGREE SUPPLEMENTARY EXAMINATIONS: APRIL, 2025

NURSING RESEARCH AND STATISTICS

Time: 3 Hours.

Max Marks: 75

Note: Answer any **FIVE** questions.

All Question carry equal Marks.

Give Diagrammatic representation wherever necessary.

PART-A (NURSING RESEARCH) = 50 Marks

Write Short essays on the following:

1. Briefly discuss the concept of evidence based practice, the role of researcher to implement evidence based practice and the barriers to implement evidence based practice. (15)
2. a) Discuss the quantitative and qualitative approach of research in nursing.
b) Discuss the methods of data analysis in qualitative research. (7+8)
3. Discuss briefly on any of the following. **2 X 10 = 20**
 - a) Communicating research findings.
 - b) Purposes and style of writing scientific research article for publication.
 - c) Observation as data collection method.
 - d) Advantages of historical research.

PART-B (STATISTICS) = 25 Marks

4. Discuss the scale of measurements with suitable examples. **1 X 10 = 10**
(OR)

Draw a histogram using the following data.

Blood sugar (mg/dl)	No.of patients.
70-80	5
80-90	10
90-100	20
100-110	30
110-120	25

5. Write short notes on any **THREE** of the following. **3 X 5 = 15**
 - a) Inferential statistics.
 - b) Interpretation of data.
 - c) Use of correlation.
 - d) Frequency distribution.