

**KALOJI NARAYANA RAO UNIVERSITY OF HEALTH SCIENCES
WARANGAL, TELANGANA STATE – 506 002
B.Sc. (NURSING) FINAL YEAR DEGREE EXAMINATIONS: MARCH, 2026
NURSING RESEARCH AND STATISTICS**

Time: 3 Hours

Max Marks: 75

Note: Answer all questions

Draw diagrams whenever necessary with Black Ball point pen /HB pencil /any dark
Color pencil

PART–A

NURSING RESEARCH (50 Marks)

Write an essay on any TWO of the following:

2 X 10 = 20

1. Define Phenomenology. What are the methods of Data Collection in grounded theory.
2. Define data collection. List out the various techniques used for data collection. Explain any two tools and techniques.
3. Define sampling. Discuss the steps of sampling process. Explain about Systematic Random sampling.

Write a short note on any FOUR of the following:

4 X 5 = 20

4. Enumerate the steps of Quantitative Research Process.
5. Explain the types of Variables.
6. Explain the sources and steps of review of Literature.
7. Explain historical research.
8. Discuss about non-experimental research design with suitable example.
9. Validity.

Write briefly on the following:

5 X 2 = 10

10. Define Research.
11. Define Compilation.
12. Retrospective Cohort study.
13. Types of Hypothesis.
14. Purpose of Likert scale.

PART – B

STATISTICS (25 Marks)

Write an essay on any ONE of the following:

1 X 9 = 9

15. Describe measures of Central tendency
16. Chi - square test

Write a short note on any TWO of the following:

2 X 5 = 10

17. Describe normal probability curve
18. Explain statistical packages and its applications in nursing
19. Draw Histogram
20. Correlation

Write briefly on the following:

3 X 2 = 6

21. Define Statistics
22. Simple linear regression.
23. Define ordinal scale.