

KALOJI NARAYANA RAO UNIVERSITY OF HEALTH SCIENCES

TELANGANA STATE, WARANGAL – 506 002

POST BASIC B.Sc. (NURSING), II YEAR DEGREE EXAMINATIONS: NOVEMBER 2025

INTRODUCTION TO NURSING RESEARCH AND STATISTICS

Time: 3 Hours

Max Marks: 75

Note: Answer part A & B questions in two separate answer books

Question in part “A” should not be answered in part “B” and vice versa. Otherwise, they will not be valued

Part-A (NURSING RESEARCH) =50 Marks

Write an essay on any TWO of the following:

2 X 10 = 20

1. Explain the purposes of Data collection and describe about questionnaire method.
2. a) List the types of Sampling.
b) Explain in detail about probability Sampling Technique. (5+5)
3. Write various steps in preparation of Research Report.

Write a short note on any FOUR of the following:

4 X 5 = 20

4. Explain types of Validity.
5. Write the different sources of Research Problem.
6. Describe the characteristics of Experimental Design.
7. Write a note on ethics in Research.
8. Explain Pilot Study.
9. Describe the utilization of Research Findings.

Write briefly on the following:

5 X 2 = 10

10. What is Sampling Criteria.
11. List any four sources of review literature.
12. Define Survey.
13. Types of Rating Scale.
14. What is Hypothesis.

Part-B (STATISTICS) =25Marks

Write an essay on any ONE of the following:

1 X 9 = 9

15. What is Central Tendency. Explain in detail various measures of Central Tendency.
16. Define Correlation and explain Correlation with suitable diagram.

Write a short note on any TWO of the following:

2 X 5 = 10

17. Draw Pie chart for following data. Literacy rate x= 20%, y= 40%, z= 40%
18. Write a note on scales of measurement with examples.
19. Find the mean and median for the data given: 5,6,4,8,7
20. Write the uses of statistical package in statistics.

Write briefly on the following:

3 X 2 = 6

21. Define Probability.
22. Find the range for the following data: 6,5,78,9.
23. Define and state formula of Chi-square test.
