

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 Research design. Explain in detail about quantitative methods.
2. Define Nursing research. explain in detail about good characteristics of research.
3. Explain in detail about review of Literature steps.

Write short note on any FOUR of the following:

4 X 5 = 20

4. Steps in nursing research.
5. Types of Hypothesis.
6. Phenomenological studies.
7. Probability Sampling technique.
8. Uses of research in nursing.
9. Tools and methods of Data collection.

Write briefly on the following:

5 X 2 = 10

10. Define Validity and Reliability.
11. Define writing research report.
12. List out primary sources of Literature.
13. Define Type 1 and Type 2 errors.
14. Define Theoretical Sampling.

PART – B (STATISTICS) = 25 Marks

Write an essay on any ONE of the following:

1 X 9 = 9

15. Explain in detail about Central tendencies with example.
16. What is correlation co-efficient. brief on Karl Pearsons formula.

Write short note on any TWO of the following:

2 X 5 = 10

17. Explain on tabulation of data.
18. Explain scales of measurement.
19. Explain in detail about Dispersion.
20. Brief on Z-score.

Write briefly on the following:

3 X 2 = 6

21. Define ANOVA.
22. Draw Pie diagram with example.
23. Regression.