

VINAYAKA MISSION'S RESEARCH FOUNDATIONS, SALEM
(Deemed to be University)

B.Sc. (NURSING) DEGREE EXAMINATION – November 2020
Third Year

NURSING RESEARCH AND STATISTICS

Time: Three hours

Maximum: 75 marks

Answer Part A and Part B in separate Answer Book

PART – A

NURSING RESEARCH **Maximum:50 marks**

SECTION – A

I. Answer **All** Questions. Each answer in one or two sentences: (10 x 1 = 10)

1. Define reliability.
2. What is hypothesis?
3. Write two important points of ethics in nursing research.
4. List two types of survey method.
5. Write two purposes of literature review.
6. What is descriptive research?
7. Define sampling.
8. Mention two needs for research in nursing.
9. Define sampling error.
10. Define Randomization

SECTION – B

II. Write Short Notes on any **FOUR** of the following: (4 x 5 = 20)

11. Pilot study.
12. Difference between qualitative and quantitative research design.
13. List the components of a research report.
14. Review of literature.
15. Need for research in nursing.
16. Types of experimental research designs.

SECTION – C

III. Answer any **TWO** of the following: (2 x 10 = 20)

17. Discuss the steps of nursing research process in detail.
18. Explain the methods and tools of data collection with suitable examples.
19. Describe non- experimental research design in detail with suitable examples.

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PART – B

STATISTICS

Maximum: 25 marks

SECTION – A

I. Answer any **ONE** of the following : (1 x 10 = 10)

1. What do you understand by central tendency? Describe the various measures.
2. What is statistics? Explain the importance of statistics in nursing.

SECTION – B

II. Write short notes on any **THREE** : (3 x 5 = 15)

3. Scales or levels of measurement.
4. Types of correlation.
5. Statistical packages.
6. Type II error.
7. Normal probability curve.

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