

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

B.Sc. (NURSING) DEGREE EXAMINATION – August 2019
Third/Fourth 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. Write two types of closed ended questions.
2. Define manipulation.
3. Research objectives.
4. Null hypothesis.
5. Mention the two types of data collection.
6. Types of validity.
7. List two features influencing sample process.
8. List the types qualitative design.
9. Define target population.
10. Bias.

SECTION – B

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

11. Research problem.
12. Experimental research design.
13. Pilot study.
14. Sources and steps of review of literatures.
15. Ethics in nursing research.
16. Evidence based practice.

SECTION – C

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

17. Explain the data collection tools with examples.
18. Explain the methods and types of writing research report.
19. Explain the steps in research process.

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

SECTION – B

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

3. Explain the degree of freedom.
4. Chi-square test.
5. Types of correlation.
6. Histogram.
7. Scales of measurement.

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