

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

B.Sc. (NURSING) DEGREE EXAMINATION – August 2018
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. What is validity?
2. Mention the types of close ended questions
3. Name any two types of data collection methods
4. Define manipulation
5. Write the meaning of assumption
6. Null hypothesis
7. Research objectives
8. List the two types of qualitative design
9. What is Hawthorne effect?
10. Define hypothesis

SECTION – B

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

11. Difference between qualitative and quantitative research designs
12. Sources and steps of review of literature
13. Ethics in nursing research
14. Interview method
15. Utilization of research findings
16. Survey research approach

SECTION – C

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

17. Elaborate on
 - a) Explain the characteristic of good research
 - b) List the methods of quantitative research
18. Discuss the steps of nursing research process in detail
19. Explain the purpose, Scope, Sources and the steps in Review of Literature in detail

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PART – B**STATISTICS****Maximum: 25 marks****SECTION – A**I. Answer any **ONE** of the following :

(1 x 10 = 10)

1. In a study find out the correlation coefficient between the distance from the health centre and the number of antenatal visits, with the following data.

Distance (Km)	2	2	4	6	7	8	9	10
No of Visits	6	7	5	4	4	3	2	1

2. a) What is statistics? Explain the importance of statistics in nursing
b) Explain the scales or levels of measurement

SECTION – B

II. Write short notes on :

(3 x 5 = 15)

3. Write the types of diagrams and its uses in Statistics
4. Type I error and Type II error
5. Find the Mean and mode of the following data
24, 28, 20, 28, 36, 37, 36, 50, 80, 28
6. List the uses of Chi-square test
7. Mention the statistical methods to establish reliability

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