

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

**M.Sc.(NURSING) DEGREE EXAMINATION –August 2019  
First Year**

**NURSING RESEARCH AND STATISTICS**

Time: Three hours

Maximum: 75 marks

**Use separate Answer Books for Part A and Part B**

**PART - A**

**NURSING RESEARCH (50 Marks)**

**Answer ALL questions**

**I. Write Long Essay on :** (2 x 15 = 30)

1. Define sample and explain the types of sampling methods in detail with suitable examples.
2. A researcher wished to study the effect of counseling on academic performance among school students. Draft a proposal with the design, objectives, hypothesis, sampling technique, and tools.

**II. Short notes on any Four :** (4 x 5 = 20)

3. Reliability and validity.
4. Communication of research results.
5. Application of theory in research.
6. Characteristics of qualitative research design.
7. Pilot study.

**PART – B**

**STATISTICS (25 Marks)**

**III. Write Short notes on :** (5 x 5 = 25)

8. Coefficient of variation.
9. Role of statistics in nursing research.
10. Difference between parametric and non parametric tests.
11. Measures of central tendency.
12. Statistical packages.