



# VINAYAKA MISSION'S RESEARCH FOUNDATION, SALEM

(Deemed to be University)

( Declared under Section 3 of the UGC Act, 1956)

**Pre – Ph.D. Written Examination – February 2019**

## **Research Methodology**

Time: 3 Hours

Marks: 100

Answer any FIVE questions

Each question carries TWENTY marks

Each answer should not exceed 6 pages (each page having 25 lines)

1. What is the type of research you have selected for your problem? Explain in detail the concept, objectives and relevance for the type you have selected for your research problem.
2. What are the different sources available for undertaking any research work? Explain in detail the issue and points you have considered in the selection of your research problem.
3. What are the characteristics of quantitative and qualitative data involved in research analysis? Explain the different methods in collection of data.
4. What are the characteristics of a good sampling design? Explain and illustrate the procedure of a random sample.
5. What are the different types of testing hypothesis? Explain the difficulties in the formulation of a hypothesis.
6. Explain non parametric tests with examples, listing out the advantages and disadvantages.
7. How you have planned the schematic structure in your thesis with reference to test and drafting of report.
8. How are the computers used as a tool in research? Explain giving some examples related to your work.