



VINAYAKA MISSION'S RESEARCH FOUNDATION, SALEM

(Deemed to be University under Section 3 of the UGC Act, 1956)

Pre – Ph.D. Written Examination – January – 2023

Nursing

Paper I: Research Methodology & Applied Statistics

Time: 3 Hours

Marks: 5*20M = 100M

Answer any FIVE questions

Each question carries TWENTY marks

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

1. a. A study to assess the effectiveness of life style modifications on knowledge and practice among hypertensive clients in a rural area – Describe the best suited study design and List the objectives, variables, hypothesis, and tools for the study. Discuss any five sampling methods.

Or

b. "Research work is guided by reflective thinking, not by traditional or conventional" – comment on this statement . What are the challenges you have encountered while making review of literature.

2. a. Explain any two qualitative research design with suitable example and elaborate the means of ensuring quality in data collection.

Or

b. 'a researcher interested to study the efficacy of two interventions in reducing the nurse's stress in ICU ' - Find out the suitable study design and detail the methods to enhance research control. How will you establish the validity and reliability of the tools?

3. a. Regression and multivariate analysis in detail and the impact of SPSS package in data analysis.

Or

b. Elaborate on communicating the research findings and steps involved in project proposal for grant.



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4. a. what are the ethical principles applied in nursing research and role of ethics in data analysis and report presentation.

Or

- b. Detail about National guidelines for ethical clearance. What are the ethical issues that need to be considered with respect to research participants and the researcher?

5. a. Discuss various aspects of publication misconduct. Detail the advantages and disadvantages of open access publication and list the tools used for Plagiarism.

Or

- b. Briefly discuss the complaints in research reported from India and abroad .How data bases and research metrics useful in evaluating the publications.

