

VINAYAKA MISSION'S RESEARCH FOUNDATION, SALEM

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

Pre – Ph.D. Written Examination – August – 2024

Medicine, Dentistry, Homoeopathy, Pharmacy & Allied Health Science

Paper I: Research Methodology

Time: 2 Hours

Marks: 50

PART – A

(5*2M= 10M)

Write Brief notes about the following

Answer all questions

All questions carry equal marks

1. p value and its importance.
2. Informed consent
3. Vancouver style
4. The Normal curve
5. ANOVA

PART – B

(5*4M=20M)

Write Short answers to the following

Answer all questions choosing either a or b

All questions carry equal marks

1. a. Fishers exact test.

Or

- b. Null hypothesis.

2. a. Cluster sampling.

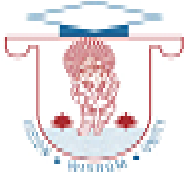
Or

- b. Histogram.

3. a. Standard Deviation.

Or

- b. Chi square test.



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4. a. Double Blind study.
b. Poisson Distribution. **Or**
5. a. Branches of Philosophy.
b. Nature of moral judgement and reactions. **Or**

PART – C

(2*10M=20M)

Answer any two essay type questions
All questions carry equal marks

1. Electron microscope & its applications.
2. Collection of Data.
3. Publication ethics.
4. Sampling methods.
5. Measures of central Tendency.

