

QP Code: 102318

Reg. No.....

**M. Phil Clinical Psychology Part I Regular/Supplementary
Examinations December 2022**

Paper II: Statistics and Research Methodology

Time: 3 hrs

Max. Marks: 70

- Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers
- Indicate the question number correctly for the answer in the margin space
- Answer all parts of a single question together • Leave sufficient space between answers
- Draw table/diagrams/flow charts wherever necessary

Long Essays

(4x14=56)

1. Distinguish reliability assessments in terms of temporal stability and internal consistency. Give examples.
2. Wegesin and Stem (2004) found greater consistency (less variability) in the memory performance scores for younger women than for older women. The following data represent memory scores obtained for two women, one older and one younger, over a series of memory trials.

Younger	8	6	6	7	8	7	8	7
Older	7	5	8	5	7	6	8	5

- Calculate the variance of the scores for each woman.
 - Are the scores for the younger woman more consistent (less variable). Give your interpretations.
3. List any four probability sampling methods. Compare between any two of them based on their applications in experimental and non-experimental research.
 4. What are the features of randomized block design. How is it different from factorial design.

Short Essays:

(2x7=14)

5. Levels of measurement.
6. MANOVA.
