

QP Code: 102318

Reg. No.....

**M. Phil Clinical Psychology Part I Regular/Supplementary
Examinations January 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 between probability and non-probability sampling techniques. Explain with examples.
2. A sample consists of the following $n=7$ scores: 5,0,4,5,1,2 and 4
 - Compute the mean and standard deviation for the sample.
 - Find the z-score for each score in the sample.
 - Comment on the application of mean, standard deviation and z score in test construction and research.
3. List any four tests of significance. Give a brief outline of the tests of significance that can be applied in epidemiological studies.
4. Compare and contrast experimental, non-experimental and single subject research designs.

Short Essays:

(2x7=14)

5. Content analysis in psycho-social research.
6. Item analysis.
