

QP Code: 102318

Reg. No.....

**M. Phil Clinical Psychology Part I Regular/Supplementary
Examinations January 2021
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 census and sampling. Explain different methods of random sampling.
2. Following table shows scores of an anxiety test and marks obtained in an examination of 6 students. Find the correlation between anxiety and examination performance and interpret the result.

Anxiety	10	7	2	1	4	6
Marks	3	3	8	10	6	6

3. Define normal distribution. Also explain properties of normal distribution. How normal random variable can be transformed to standard normal.
4. What are non-parametric tests. What are the assumptions involved. Explain any three non-parametric tests with examples.

Short Essays:

(2x7=14)

5. Item analysis
6. Multiple regression
