

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[AHS 1022]

OCTOBER 2022

Sub. Code: 1022

**M. Phil. CLINICAL PSYCHOLOGY
FIRST YEAR (From 2017-2018 batch onwards)
PAPER II – STATISTICS AND RESEARCH METHODOLOGY**

Q. P. Code: 151022

Time: Three hours

Maximum : 70 Marks

Answer ALL Questions

I. Elaborate on: (1 x 20 = 20)

1. Describe types of research.

II. Write notes on: (2 x 10 = 20)

1. Under what circumstances stratified random sampling design is considered appropriate? How would you like to select such sample? Explain by means of an sample?
2. Short Notes on
 - a. Cross Tabulation.
 - b. Discriminant analysis.
 - c. Coefficient of contingency.
 - d. Coefficient of variation.

III. Write notes on: (6 x 5 = 30)

1. Distinguish between
 - a. Convenience sampling and purposive sampling.
 - b. Systematic and stratified sampling.
2. Are the following nominal, ordinal, interval and ratio data?
 - a. Temperature measured in kelvin scale.
 - b. Military ranks
 - c. Aadhar numbers.
 - d. Code numbers given to the religion of persons attempting suicide.
3. What are the guiding considerations in the constructions of questionnaire? Explain.
4. State the reasons. Why sampling is used in the context of research studies?
5. Briefly describe the important parametric tests used in context of testing Hypothesis.
6. Explain the meaning of analysis variance. Describe briefly one way variance.
