

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

[AHS 0523]

MAY 2023

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 10 = 20)

1. What is research problem? Define the main issues which should receive the attention of the researchers in formulating the research problem. Give suitable example to elucidate your points.

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

1. Explain different research design.
2. Write brief essay on statistical estimation.

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

1. Latin square design.
2. Simple factorial design.
3. The procedure of testing hypothesis requires a researcher to adopt several steps. Describe in brief all such steps.
4. Write short notes on:
 - a. Additive property of chi-square
 - b. Chi square as a goodness
 - c. Precautions and conditions of for applying chi-square.
5. Explain the meaning of analysis of variance. Describe one-way analysis.
6. Write short notes on rotation in context of factor analysis.
