

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

[AHS 0222]

**FEBRUARY 2022
(OCTOBER 2021 EXAM SESSION)**

Sub. Code: 3001

**MASTER OF AUDIOLOGY AND SPEECH LANGUAGE PATHOLOGY
FIRST YEAR (From 2010-2011 onwards)
PAPER I – STATISTICS AND RESEARCH METHODS
*Q.P. Code : 433001***

Time : Three hours

Answer ALL Questions

Maximum : 100 Marks

I. Elaborate on :

(2x20=40)

1. Explain in details about parametric test with a suitable example.
2. Write in details the steps in conducting a randomized clinical trial. Mention the principles of Randomization.

II. Write notes on :

(10x6=60)

1. Explain the measures of central tendency.
2. Correlation with example
3. Merits and demerits of case control study design.
4. Probability sampling.
5. Measures of association.
6. Time series analysis.
7. Outline research report writing and presentation.
8. Explain Binomial Distribution.
9. Addition and Multiplication Law of Probability.
10. Field Studies.
