

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

[AHS 0423]

APRIL 2023

Sub. Code: 2336

BACHELOR IN AUDIOLOGY AND SPEECH - LANGUAGE PATHOLOGY
SEMESTER - I (Regulation 2017-2018 onwards)
PAPER VI – RESEARCH METHODS AND STATISTICS
Q.P. Code: 802336

Time: Three Hours

Answer All questions

Maximum: 75 Marks

I. Elaborate on : (2X10=20)

1. Mention the Various Study Designs. Describe in detail how you will conduct a Cohort Study.
2. What are the tests of Significance? Write about the Non-parametric tests.

II. Write Notes on : (8X5=40)

1. Blinding in a Drug trial.
2. Sample selection.
3. Elements of Informed Consent.
4. Scales of measurement.
5. Types of Data collection.
6. Confounding and effect modification.
7. Binomial distribution.
8. Visual analog scale.

III. Short Answers on : (5X3=15)

1. Predictive value of Positive test.
2. Formulation of Research Question.
3. Media and its advantages and disadvantages.
4. Paired T test.
5. Scatter diagram.
