

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

[AHS 0424]

APRIL 2024

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. Types and methods of Data collection and their advantages and disadvantages.
2. Types of Research.

II. Write Notes on : **(8 X 5 = 40)**

1. Strength and weakness of Cluster sampling.
2. What is meant by power of the test and level of significance?
3. Define the terms Range, Standard Deviation and Normal Distribution.
4. Bias in Epidemiological studies.
5. Patient Information Sheet.
6. IRB.
7. Analytical Study designs.
8. Scales of Measurement.

III. Short Answers on : **(5 X 3 = 15)**

1. Non-Parametric tests.
2. Define Hypothesis and its types.
3. Blinding in Drug Trial.
4. Simple Random Sampling.
5. Measurement of Morbidity.
