

**Fourth Semester BASLP Degree Regular/Supplementary Examinations
January 2025**

Research Methods and Statistics

Time : 3 hrs

Max marks : 75

- *Answer all questions to the point neatly and legibly* • *Do not leave any blank pages between answers* • *Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together* • *Leave sufficient space between answers*
- *Draw table/diagrams/flow charts wherever necessary*

Essay:

(4x10=40)

1. Define research. Highlight the need for research in audiology and speech language pathology
2. What are research designs. Discuss the merits and demerits of single subject designs against group designs.
3. What is measurement. Explain the various levels of measurement with examples.
4. Differentiate parametric and non-parametric tests before discussing their use and justification in research.

Short notes

(5x5=25)

5. Observation methods
6. Normative Research
7. Continuous and Discrete Measurements
8. Item Analysis
9. SPSS

Answer briefly

(5x2=10)

10. Systematic Sample
11. Hypothesis
12. Field Experiment
13. Histogram
14. Likert Scale