

**Fourth Semester BASLP Degree Regular/Supplementary Examinations
November 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. Elaborate on the steps involved in research pertaining to speech and hearing
2. Attempt an essay regarding the writing of scientific reports
3. Explain variants from the normal distribution. Illustrate with neat diagrams
4. Describe the applications of any two non-parametric tests, providing appropriate examples from the domain of speech and hearing

Short notes

(5x5=25)

5. Funds for research
6. Ethics in research
7. Between-group designs
8. Types of correlations
9. Classification of data

Answer briefly

(5x2=10)

10. Stratified random sampling
11. Ex-post facto research
12. Intra-rater reliability
13. Nominal scale
14. Any two demerits of Mean
