

**Fourth Semester BASLP Degree Special Supplementary Examinations
September 2023**

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. Explain the meaning and types of scientific methods.
2. Discuss the relevance of epidemiology in speech and hearing research.
3. Elaborate on the principles and properties of normal distribution.
4. What is correlation. Explain the various types of correlation.

Short notes

(5x5=25)

5. Funds and Grants for Research
6. Incidence and Prevalence
7. Mean, Median, Mode
8. Skewness
9. Scales of Measurement

Answer briefly

(5x2=10)

10. Informed Consent
11. Placebo Effect
12. Independent Variable
13. Class Interval
14. Correlation
