

Second Year BASLP Degree Examinations September 2018
Statistics and Research Methods & Epidemiology in Speech and Hearing

Time : 3 hrs

Max marks : 80

- **Answer all questions**

Essay:

(4x10=40)

1. Explain various types of random sampling procedures.
2. Calculate median and standard deviation for the following data:

CI	10-20	20-30	30-40	40-50	50-60
F	10	15	20	15	10

3. Explain the importance of various types of surveys in speech and hearing research.
4. What is correlation. Explain various types of correlation.

Short notes

(5x5=25)

5. Hearing loss in geriatric population
6. Incidence and prevalence of phonological disorders
7. Research designs
8. Scales of measurements
9. Normal distribution

Answer briefly

(5x3=15)

10. Inferential statistics
11. Discrete and continuous measurements
12. Level of significance
13. Evaluation of research reports
14. Community services
