

Second Year BASLP Degree Supplementary Examinations March 2020

**Statistics and Research Methods and Epidemiology related to
Speech and Hearing
(2016 Scheme)**

Time : 3 hrs

Max marks : 80

- *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 diagram wherever necessary*

Essay:

(4x10=40)

1. Explain various methods of random sampling with their merits and demerits.
2. Calculate mean and SD for the following data.

X	12	24	30	40	52
F	5	10	15	10	5

3. Attempt an essay on small sample tests.
4. Describe various scales of measurements and write at least two examples for each.

Short notes

(5x5=25)

5. Median
6. Properties of normal distribution
7. Types of correlation
8. Single subject designs
9. Incidence and prevalence of language disorders in children.

Answer briefly

(5x3=15)

10. Personal survey
11. Sampling error
12. Descriptive statistics
13. Frequency graphs
14. Research questions.