

Second Year BASLP Degree Examinations September 2017

Statistics and Research Methods & Epidemiology in Speech and Hearing

Time : 3 hrs

Max marks : 80

- **Answer all questions**

Essay:

(4x10=40)

1. Discuss the various measures of dispersion. Calculate mean, median and standard deviation for the following data:
25, 34, 40, 28, 44, 22, 30, 32, 45, 35
2. Distinguish between primary data and secondary data. Discuss the different methods of collecting primary data.
3. What are the components of a good research report
4. Explain the various scales of measurement with examples.

Short notes

(5x5=25)

5. Skewness and kurtosis
6. Central tendency
7. Product moment correlation
8. Research designs
9. Prevalence of conductive hearing loss in children

Answer briefly

(5x3 = 15)

10. X^2 (chi square) test of independence of two attributes
11. Descriptive statistics and inferential statistics
12. Prevalence of voice disorders
13. Properties of normal distribution
14. Probability sampling methods.
