Second Year BASLP Degree Examinations -September 2016

Statistics and Research Methods & Epidemiology in Speech and Hearing

Time : 3 hrs   **Max marks : 80**

- **Answer all questions**

Essay: **(4×10=40)**

1. What are the measures of central tendency. State the characteristics of a good measures of central tendency. Calculate mean, median and mode for the following data: 7, 5, 4, 4, 6, 8, 10, 4, 9, 5

2. Distinguish between primary and secondary data. Explain the various methods of collecting primary data.

3. Explain different types of group designs. Distinguish between single subject design and group design.

4. How do you plan a community based survey for the identification of communication disorders in children

Short notes   **(5x5=25)**

5. Characteristics of a good research design

6. Scales of measurement

7. Measures of dispersion

8. Product moment correlation

9. Survey method

Answer briefly   **(5x3 = 15)**

10. Stratified random sampling

11. Descriptive statistics

12. Classification of data

13. Histogram

14. Prevalence of voice disorders among children

****