

Q.P.Code: 207015

Reg. No.:.....

Second Year BASLP Degree Supplementary Examinations -February 2015

Statistics and Research Methods & Epidemiology in Speech and Hearing

Time : 3 hrs

Max marks : 80

- **Answer all questions**
- **Use only ordinary calculators**

Essay:

(4×10=40)

1. Define statistics. Describe the importance of statistics in behavioral sciences. Calculate mean and standard deviation for the following data: 11, 12, 19, 15, 21, 18, 20, 23, 21, 25
2. Explain the various scales of measurement with examples
3. Explain any three types of research with relative merits and demerits
4. How do you plan a school screening for the identification of hearing loss. Mention briefly about the audiological instruments that will be useful for the screening

Short notes

(5×5=25)

5. Types of group design
6. Skewness and kurtosis
7. Sampling methods
8. Central tendency
9. Need for epidemiological studies

Answer briefly

(5×3 = 15)

10. Product moment correlation
11. Properties of normal distribution
12. Histogram
13. Levels of significance
14. Prevalence of conductive hearing loss among school going children
