

Second Year BASLP Degree Supplementary Examinations - February 2014

Statistics and Research Methods & Epidemiology in Speech and Hearing

Time : 3 hrs

Max marks : 80

- Answer all questions
- Use only ordinary calculators

Essay:

(4x10=40)

1. Define average. Mention the various type of average and mention the characteristics of good average. Calculate the mode for the following data:

Marks	10	15	20	25	30	35	40
Numbers	10	14	38	24	27	19	8

2. Distinguish between primary and secondary data. Explain the different methods of collecting primary data. Draft a blank table showing distribution of cases according to:

Sex: Male and female

Diagnosis: Mental retardation, autism and cerebral palsy

SES: High, middle and low

Years: 2000, 2001 and 2002

3. Define measurement. Explain the various scales of measurement with suitable examples.
4. Explain briefly about the incidence and prevalence of hearing loss

Short notes

(5x5=25)

5. Define statistics. List the limitations of statistics.
6. Define and classify class intervals.
7. Stratified sampling.
8. Sampling error.
9. Questionnaire

Answer briefly

(5x3 = 15)

10. Descriptive statistics
11. Hypothesis
12. Basic purpose of measuring dispersion
13. Longitudinal research
14. Low birth weight