

Q.P. Code: 111377

Reg. No.:.....

First Year MASLP Degree Examinations October 2017

Statistics and Research Methods

(2016 Scheme)

Time: 3 hrs

Max marks: 80

- **Answer all questions**
- **Draw diagrams wherever necessary**

Essays

(5x16=80)

1. Explain the different uses of statistics in speech and hearing. Discuss the different types of data in statistics
2. List down the properties of normal distribution and binomial distribution. Find the arithmetic mean and standard deviation of the marks obtained by 10 students of a class in speech language pathology in a certain examination. The marks obtained are

45 30 40 55 47 35 65 60 43 50

3. What are assumptions to have one-way analysis. Mention the implications of ANOVA in your field
4. Describe in detail about the methods of research in behavioural sciences.
5. What is randomization. Explain the various methods of randomization. Mention briefly about the advantages and disadvantages and limitations of randomization
