

Q.P. Code: 111377

Reg. No.:.....

**First Year MASLP Degree Regular/Supplementary Examinations
February 2021**

Statistics and Research Methods

(2016 Scheme)

Time: 3 hrs

Max marks: 80

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw table/diagrams/flow charts wherever necessary*

Essays

(5x16=80)

1. Find the mean and median with corresponding measures of dispersions of the marks obtained by 9 persons in a test of language proficiency are

45	30	40	55	47	35	65	60	43
----	----	----	----	----	----	----	----	----

2. What are the assumptions underlying analysis of variance (ANOVA). State different types of ANOVA with examples.
3. State non-parametric tests. Describe the same in application of speech and hearing field.
4. Short notes on:
 - Testing of hypotheses
 - Type of research
5. Describe in brief on various types of research designs used in the speech and hearing.
