

[LJ 1016]

OCTOBER 2016

Sub. Code: 3001

**MASTER OF AUDIOLOGY & SPEECH LANGUAGE PATHOLOGY EXAMS
FIRST YEAR
PAPER I – STATISTICS AND RESEARCH METHODS**

Q.P. Code : 433001

Time : Three hours

Maximum : 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Types of statistical research in clinical study.
2. Structure, presentation and writing style of research report.

II. Write notes on:

(10 x 6 = 60)

1. Measures of variability in research applications.
2. Standard scores and its importance in Audiology and speech language.
3. Addition theorem on probability.
4. Differences between product moment, rank, biserial and tetracoric correlation.
5. Assumptions involved in ANOVA and MANOVA.
6. Nature and conditions of non-parametric statistics.
7. Fundamental research epidemiology.
8. Methods of research in behavioural sciences.
9. Analysis and interpretation adopted in factor analysis.
10. Methods of sampling.
