

[LN 1018]

OCTOBER 2018

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. Explain correlation and regression analysis with suitable example.
2. Discuss in detail about various study designs used in research methodology.

II. Write notes on:

(10 x 6 = 60)

1. Explain the various measures of central tendency with suitable examples.
2. Describe merits and demerits of measures of variability.
3. Define normal probability curve. How will you interpret data using the normal probability curve?
4. Explain analysis of variance (ANOVA).
5. Discuss about Null hypothesis, level of significance, power of test and P value.
6. Summarize measures of association.
7. Discuss briefly on the needs and classification of Research study.
8. Distinguish between the applications of group design and single subject design.
9. Outline research report writing and presentation.
10. Explain experimental group and control groups.
