

VINAYAKA MISSION'S RESEARCH FOUNDATIONS, SALEM
(Deemed to be University)

BASLP DEGREE EXAMINATION- August 2018
Third Year

BASIC STATISTICS AND SCIENTIFIC ENQUIRY IN
AUDIOLOGY AND SPEECH LANGUAGE PATHOLOGY

Time: Three hours

Maximum: 80 marks

SECTION – A

I. Answer **ALL** questions: (30)

1. List All: (3 x 3 = 9)

- a) Types of variable
- b) Types of sampling
- c) Types of validity

2. Define : (3 x 3 = 9)

- a) Mode
- b) Skewness
- c) Sampling

3. Differentiae between: (3 x 4 = 12)

- a) Sample and population
- b) Type I and Type II errors
- c) Qualitative and quantitative variable

SECTION – B

II Write short notes on any **SIX**: (6 x 5 = 30)

- 4. Formulation of hypothesis
- 5. General properties of normal distribution
- 6. Types of correlations
- 7. Ex-post facto study design
- 8. Need for scientific enquiry in speech language pathology and audiology
- 9. Measurement procedure
- 10. Aims and objectives of study
- 11. Ethics of research in behavior sciences

SECTION – C

III Answer any **TWO**: (2 x 10 = 20)

- 12. Discuss the type of sampling methods encountered in research
- 13. Describe the various methods of collecting scientific data
- 14. Elaborate on the qualities of a researcher.
