

KALOJI NARAYANA RAO UNIVERSITY OF HEALTH SCIENCES

TELANGANA STATE, WARANGAL – 506 002

B.Sc. (ALLIED HEALTH SCIENCES), SECOND YEAR DEGREE EXAMINATIONS: MAY, 2025

AUDIOLOGY AND SPEECH THERAPY

PAPER V

**BASIC STATISTICS AND SCIENTIFIC ENQUIRY IN AUDIOLOGY AND SPEECH
LANGUAGE PATHOLOGY**

Time: 3 Hours

Max Marks: 80

Note: Answer all questions

Draw diagrams whenever necessary with Black Ball point pen /HB pencil /any dark
Color pencil.

Write essay on any TWO of the following questions:

2 X 10 = 20

1. Explain in detail the method of sampling procedures.
2. Bring out the characteristics of normal distribution.
3. Calculate Mean, Median, Mode for diastolic BP in males aged 25-34 given below:

B.P	70-75	75-80	80-85	85-90	90-95	95-100
No of males	46	18	6	2	17	6

Write a short note on any FIVE of the following:

5 X 6 = 30

4. Types of Correlation.
5. Limitation of statistics.
6. State the importance of data.
7. Explain the concept of skewness and its types.
8. Explain the concept of standard error.
9. Coefficient of variation.

Write briefly on the following:

10 X 3 = 30

10. Define rank correlation.
11. What is Hypothesis?
12. Define type I error.
13. Define Probability.
14. When will you use bar diagram?
15. Define Kutosis.
16. How is the null Hypothesis stated?
17. Define sample.
18. Define conditional probability.
19. Uses of F-Test.
