

Q.P.Code: 425015

Reg. No.:.....

**Fourth Semester BASLP Degree Regular/Supplementary Examinations
January 2023**

Research Methods and Statistics

Time : 3 hrs

Max marks : 75

- *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*

Essay:

(4x10=40)

1. Discuss the principles of good writing in research
2. What are the desirable properties of an ideal measure of central tendency. Make a comparison between mean, median and mode
3. Explain the significance of Statistics in research
4. What are the different methods of sampling? Give the steps in conducting a sample survey

Short notes

(5x5=25)

5. Evaluation of research reports
6. Null and Alternative hypothesis
7. Correlation
8. Classification of data
9. Scales of measurement

Answer briefly

(5x2=10)

10. Discrete variable
11. Test statistic
12. Chi square test
13. Kurtosis
14. Analysis of variance
