

**Q.P.Code: 425015**

**Reg. No.:.....**

**Fourth Semester BASLP Degree Regular Examinations March 2021**

**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. Explain the points to be considered in framing a research questionnaire
2. Define primary data and secondary data. Explain different methods of primary data collection
3. Define population and sample. Explain different methods of non-random sampling
4. Explain different types of group designs. Distinguish between single subject design and group design

**Short notes**

**(5x5=25)**

5. Reliability and validity
6. Normal distribution
7. Qualitative and quantitative data
8. Scales of measurement
9. Testing of hypothesis

**Answer briefly**

**(5x2=10)**

10. Discrete and continuous variables
11. Non sampling errors
12. Role of media in research
13. Coefficient of correlation
14. Mean and mode

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