B. A. S. L. P. (Sem. I) Examination

July – 2019

Research Methods and Statistics

Time : **3** Hours]   [Total Marks : **75**

I. Answer any **4** questions :   **4×15=60**

1. What are the different types of sampling method? Explain in detail one of them with appropriate example.

2. Explain different ways of graphical presentation of data.

3. What are the different types of research designs methods? Explain briefly any one of them.

4. What is meant by correlation? What are the different types of correlation? Explain them.

5. a. What is test of significance? Enumerate the different tests with uses.

    b. A group of 15 normal children in a study had mean serum iron level of 148 μg% and SD of 44.03. Another group of 15 children with infantile cirrhosis of liver had mean serum iron level of 151 μg% and SD of 49.04. Is the difference between the two serum means statistically significant?

II. Answer any **3** questions :   **3×5=15**

1. What are the different measures of Central tendency?

2. Explain the properties and application of Normal Distribution Curve.

3   Explain the term standard error of mean.

4. What is the difference between qualitative and quantitative data?

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