

**D. K. M. COLLEGE FOR WOMEN (AUTONOMOUS), VELLORE-1****SEMESTER EXAMINATIONS****NOVEMBER - 2017****15CAPS1A****ALLIED : PSYCHOLOGICAL STATISTICS****Time : 3 Hours****Max. Marks : 75****SECTION – A (10 x 2 = 20)****Answer ALL the questions.**

1. What is statistics?
2. Define scale in psychological statistics.
3. Define data.
4. What is primary data?
5. What is Pie diagram?
6. Define discrete data.
7. Differentiate average and mean.
8. What is Correlation?
9. Why are they called measures of central tendency?
10. Define variability.

**SECTION – B (5 x 5 = 25)****Answer any FIVE of the following questions.**

11. Write a short note on the functions of statistics in psychology.
12. Differentiate discrete variables and continuous variables.
13. Explain the uses of cumulative frequency.
14. Make note on skewed distributions.
15. Describe applications of bar diagram.
16. List out the merits of central tendencies.
17. Narrate the concept of Scatter diagram.
18. Briefly explain about product moment correlation.

**SECTION – C (3 x 10 = 30)****Answer ALL the questions.**

19. (a) Explain the various scales of measurement.  
(Or)  
(b) Explain about normal distribution and the properties of its curve.
20. (a) Describe histogram and frequency polygon.  
(Or)  
(b) Elucidate measures of central tendency.
21. (a) Make a critical analysis on the applications of correlation.  
(Or)  
(b) List out and describe any two measures of variability.