STATISTICS WORKSHEET- 6

1. D
2. A
3. A
4. C
5. C
6. A
7. C
8. B
9. B
10. Histograms indicate the whole frequency distribution of a variable, whereas the boxplot summarises its most prominent feature like 25 percentile, minimum, maximum, 75 percentile & mean.
11. State the Research Hypothesis, State the Null Hypothesis., Select a probability of error level (alpha level), Select and compute the test for statistical significance, Interpret the results.
12. Exponential distributions and data that is categorical in nature will not have a log-normal distribution or a Gaussian distribution
13. Income distribution is an example of when to use the median instead of the mean because its distribution tends to be skewed.
14. Likelihood is the process of determining the best data distribution given a specific situation in the data.