STATISTICAL ASSIGNMENT 3

Q1 b
Q2 c
Q3 2
Q4 a
Q5 a
Q6 a
Q7 b
Q8 d
Q9 a

Q10
Bayes's Theorem- probability of hypothesis/an event when data set is given or other event is already occurred.

Q11
z score-it shows distribution of each value(given data set) from the mean(of the data set) and it is measured in standard deviation. And it used when sample is more than 30. And population standard deviation is given. It based on normal distribution where mean=0 and standard deviation =1

Q12.t test- it actually compares the mean of two groups and when data set is small (n<30) and

population standard deviation. It based on student t distribution.

Q13.
Percentile-it represents the number/value so the given percent value falls below the number/value.

14.
ANOVA- it compares/analyze the difference among the means of more than two groups.

15.
It is helpful for testing three or more variables and also helps in comparing the difference of means among all groups.