STATISTICS WORKSHEET-3

Answer No.01:- Option(b) -> Total Variation = Residual Variation + Regression Variation

Answer No.02:- Option(c) -> binomial

Answer No.03:- Option(a) -> 2

Answer No.04:- Option(a) -> Type-I error

Answer No.05:- Option(c) -> Level of confidence

Answer No.06:- Option(b) -> Increase

Answer No.07:- Option(b) -> Hypothesis

Answer No.08:- Option(d) -> All of the mentioned

Answer No.09:- Option(a) -> 0

Answer No.10:- Bayes theorem also known as the bayes rule, It is a mathematical formula used to determine the conditional probability of events.It describes the probability of an event based on prior knowledge of the conditions that might be relevant to the event.

Answer No.11:- Z-score indicates how much a given value differs from the standard deviation.

Answer No.12:- A T-Test is an inferential statistics used to determine if there is a significant difference between the means of two groups and how they are related.

Answer No.13:- It is a comparison score between a particular score and the scores of the rest of a group.

Answer No.14:- It is a statistical method in which the variation in a set of observations is divided into distinct components.

Answer No.15:- It helps to compare variances across the means of different groups.