

STATISTICS WORKSHEET-3

Ans:-1 (b)

Ans:-2 (C)

Ans:-3 (a)

Ans:-4 (a)

Ans:-5 (b)

Ans:-6 (b)

Ans:-7 (b)

Ans:-8 (d)

Ans:-9 (a)

Ans:-10

Baye's theorem 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.

Ans:-11

Z-score is a numerical measurement that describes a value's relationship to the mean of a group of values. It gives us an idea of how far a datapoint is from the mean.

Ans:-12

't'-test is an inferential statistic test that is used to compare the means of two Groups. It is often used in hypothesis testing

Ans:-13

Percentile is a term that describes how a score compares to other Scores from the same set. It is commonly expressed as the Percentage of values in a set of data scores that fall below a Given value.

Ans:-14

ANOVA is a statistical technique that is used to check if the means of Two or more groups are significantly different from each other. It Checks the impact of one or more factors by comparing the means Of different samples.

Ans:-15

ANOVA can help because It can be used to compare the means of three or more samples. It is used in clinical testing to check for the effectiveness of experimental medicines. It can be used to check equality of three or more sample.