

STATISTICS WORKSHEET-3

- 1.B
- 2.C
- 3.A
- 4.A
- 5.A
- 6.B
- 7.B
- 8.D
- 9.A

10. What Is Bayes' Theorem?

Bayes Theorem describes the probability of an event, based on prior knowledge of conditions that might be related to the event or otherwise

11. What is z-score?

Z Score explains whether a point lies within normal distribution or is an outlier. The measure for an outlier is beyond ± 3 ZSCORE

12. What is t-test?

A **t test** is a statistical test that is used to compare the means of two groups. It is often used in hypothesis testing.

13. What is percentile?

Percentile is defined as the value below which a given percentage falls under.

14. What is ANOVA?

Analysis of variance, or ANOVA, is a statistical method that separates observed variance data into different components to use for additional tests.

15. How can ANOVA help?

ANOVA is helpful for testing three or more variables. It is similar to multiple two-sample t-tests. However, it results in fewer type I errors and is appropriate for a range of issues. ANOVA groups differences by comparing the means of each group and includes spreading out the variance into diverse sources.

