Q1.

Ans: (B) Total Variation = Residual Variation + Regression Variation

Q2.

Ans: (C) binomial

Q3.

Ans: (A) 2

Q4.

Ans: (B) Type-II error

Q5.

Ans: (D) Confidence coefficient

Q6.
Ans: (B) Increase

Q7.
Ans: (B) Hypothesis

Q8.
Ans: (D) All of the mentioned

Q9.
Ans: (A) 0

Q10. What Is Bayes' Theorem?

Ans: Bayes' Theorem states that the conditional probability of an event, based on the occurrence of another event, is equal to the likelihood of the second event given the first event multiplied by the probability of the first event.

Q11. What is z-score?

Ans: Simply put, a z-score (also called a standard score) gives you an idea of how far from the mean a data point is. But more technically it's a measure of how many standard deviations below or above the population mean a raw score is.

Q12. What is t-test?

Ans: The t test is usually used when data sets follow a normal distribution but you don't know the population variance.