

# STATISTICS WORKSHEET-3

Q1 ANS: B

Q2 ANS: C

Q3 ANS: A

Q4 ANS: A

Q5 ANS: A

Q6 ANS: B

Q7 ANS: B

Q8 ANS: D

Q9 ANS: A

Q10 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 ANS: Z-score also called as standard score is the number of standard deviations a given data point lies above or below mean.

Q12 ANS: T-test is a statistical test that compares the means of two samples.

Q13 ANS: A percentile is a comparison score between a particular score and the scores of the rest of a group.

Q14 ANS: ANOVA is a statistical formula used to compare variances across the means of different groups.

Q15 ANS: ANOVA is helpful for testing three or more variables. It is similar to multiple two-sample t-tests. However it results in fewer type 1 error and is appropriate for a range of issues.