

### STATISTICS WORKSHEET-3

- 1) Total Variation = Residual Variation + Regression Variation-b
- 2) Binomial-c
- 3) 2-a
- 4) Type-I error-a
- 5) Size of the test-b
- 6) Increase-b
- 7) Hypothesis-b
- 8) All of the mentioned-d
- 9) 0-a
- 10) Bayes Theorem is that conditional probability of an event, based on the occurrence of another event, is equal to likelihood of the second event given first event multiplied by the probability of the first event
- 11) Z score tells how much it differs from standard deviation ( $z = (\text{value} - \text{mean}) / \text{standard deviation}$ )
- 12) t test is a test in which it is used to compare the two means of groups.
- 13) Percentile is comparison of score between a particular score
- 14) ANOVA is analysis of variance, in which variations in observations across groups
- 15) ANOVA helps in testing more variables and differences between independent variables