**STATISTICS**

1. **B**

2. **C**

3. **A**

4. **A**

5. **C**

6. **B**

7. **B**

8. **D**

9. **A**

10. **According to the Bayes Theorem the conditional probability of an even based on the occurrence of another is equal to the likelihood of second event given the first event is multiplied by the probability of the first event. P(A|B)=P(B|A)P(A)/P(B)**

11. **Z score is nothing but a measurement that is done to find a value relationship to the mean of a group of values. It is the measured terms of SD from mean. Z score =0 indicates that the data points score is equal to mean score.**

12. **T test is used to measure and compare the means of two groups of data. T=mean-theoritical mean/sd/root n,n is the sample size.**

13. **Percentile is a score which helps us to compare a particular score and scores of rest of the group.**

14. **ANOVA is analysis of variance, it has some statistical models and some estimations that helps to analyses the difference among means.**

15. **ANOVA is helpful in finding difference between the means of two groups on a single variable.**

**MACHINE LEARNING**

1. D

2. C

3. C

4. B

5. D

6. C

7. D

8. C

9. A

10. D

11. B

12. C

13. Clustering is used for data analyzing and data mining. With the help of clustering grouping a set of objects can be done of the objects of same group or similar groups.

14. Clustering can be improved by removing outliers and by choosing the right alogrithim.