MACHINE LEARNING ASSIGNMENT-3 SOLUTIONS

Ans1- (d) All of the above

Ans2- (d) None

Ans3-(c) Reinforcement learning and Unsupervised learning

Ans4-(d) The tree representing how close the data points are to each other

Ans5-(d) None

Ans6-(c) k-nearest neighbor is same as k-means

Ans7-(d) 1, 2 and 3

Ans8-(a) 1 only

Ans9-(a) 2

Ans10-(a) Given sales data from a large number of products in a supermarket, estimate future sales for each of these products.

Ans11-(a)

Ans12-(b)

Ans13- Clustering is technique which helps in understanding the natural grouping of data points to make sense to partition the data points into some group of logical grouping.

Clustering is important in data analysis and data mining applications..

Ans14-We can improve the clustering performance by improving the weights of the features of document vector or by creating a more appropriate distance measure.