MACHINE LEARNING

Ans.1) d. All of the above

Ans.2) d. None

Ans.3) c. Reinforcement learning and Unsupervised learning

Ans.4) a. The number of cluster centroids

Ans.5) d. None

Ans.6) c. k-nearest neighbour is same as k-means

Ans.7) d. 1, 2 and 3

Ans.8) a. 1 only

Ans.9) a. 2

Ans.10) b.Given a database of information about your users, automatically group them into different market segments

Ans.11) A

Ans.12) B

Ans.13) Clustering is important in data analysis and data mining applications. It is the task of grouping a set of objects so that objects in the same group are more similar to each other than to those in other groups (clusters).

Ans.14) Graph-based clustering performance can easily be improved by applying ICA blind source separation during the graph Laplacian embedding step. Applying unsupervised feature learning to input data using either RICA or SFT, improves clustering performance.