Machine Learning worksheet 1

Answer no. 1) B

Answer no. 2) D

Answer no. 3) D

Answer no. 4) A

Answer no. 5) C

Answer no. 6) D

Answer no. 7) A

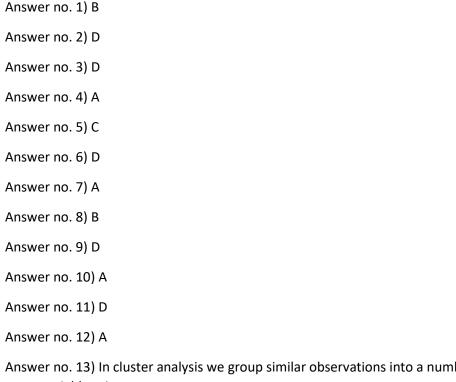Answer no. 8) B

Answer no. 9) D

Answer no. 10) A

Answer no. 11) D

Answer no. 12) A

Answer no. 13) In cluster analysis we group similar observations into a number of clusters based on many variables given.

Answer no. 14) Intrinsic methods evaluate a clustering by examining how well the clusters are separated and how compact the clusters are. Many intrinsic methods have the advantage of a similarity metric between objects in the data set.

Answer no. 15) Cluster analysis is a data mining technique which helps to make groups based on a set of user selected attributes.

Types of cluster analysis are: -

a) Centroid based clustering
b) Distribution based clustering
c) Density based clustering
d) Hierarchical cluster analysis