MACHINE LEARNING – 2

Q.1) a

Q.2) d

Q.3) a

Q.4) a

Q.5) b

Q.6) b

Q.7) a

Q.8) d

Q.9) a

Q.10) d

Q.11) d

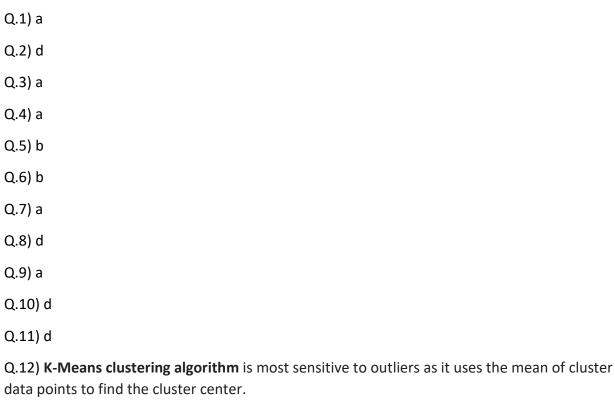Q.12) **K-Means clustering algorithm** is most sensitive to outliers as it uses the mean of cluster data points to find the cluster center.

Q.13) **K Means** is better because it is very simple to implement and is scalable to a huge data set and also faster to large datasets.

Q.14) No, K Means is not a deterministic algorithm. K-means clustering is based on a **non-deterministic algorithm**. This means that running the algorithm several times on the same data, could give different results.