

MACHINE LEARNING

ASSIGNMENT – 2

Answer No.01:- Option(a) -> 2 Only

Answer No.02:- Option(d) -> 1, 2 and 4

Answer No.03:- Option(a) -> True

Answer No.04:- Option(a) -> 1 only

Answer No.05:- Option(b) -> 1

Answer No.06:- Option(b) -> No

Answer No.07:- Option(a) -> Yes

Answer No.08:- Option(d) -> All of the above

Answer No.09:- Option(a) -> K-means clustering algorithm

Answer No.10:- Option(d) -> All of the above

Answer No.11:- Option(d) -> All of the above

Answer No.12:- The k-means algorithm is sensitive to the outliers.

Answer No.13:- K-means is better because –

Relatively simple to implement.

Scales to large data sets.

Guarantees convergence.

Easily adapts to new examples.

Answer No.14:- K-means is based on non deterministic algorithm.It means that running the algorithm several times on the same data,could give different results.