

## MACHINE LEARNING ASSIGNMENT-2

### ANSWERS:

1. (a) 2 only
2. (d) 1, 2 and 4
3. (a) True
4. (a) 1 only
5. (b) 1
6. (b) No
7. (a) Yes
8. (d) All of the above
9. (a) K-means clustering algorithm
- 10.(d) All of above
- 11.(d) All of above
12. Yes, K-means clustering is sensitive to outliers.
13. K-means is simplest and easy algorithm to use and its easily adapt to new examples or scales to large data sets.
- 14.The K-means clustering is based on non-deterministic algorithm. It's mean due to random selection of data points as centroid every time the algorithm is run and it could give different results.