MACHINE LEARNING

1. B) 1 and 2
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 the above
9. A) K Means clustering algorithm
10. D) All the above
11. D) All the above

12. The *K*-means clustering algorithm is sensitive to outliers, because it uses mean to calculate cluster centre and outliers affect the mean value .

13. Advantages of K Mean:

    1. Scales to large data sets
    2. Relatively simple to implement
    3. It gives good results
    4. Easily adapts to new examples
    5. Always achieves convergence

14. K Means is non – deterministic algorithm as it selects random data points as intial centroids.