1. A)2 only
2. C) 1 and 3
3. A)True
4. C)1 and 2
5. B)1
6. A)Yes
7. A)Yes
8. D)All of the above
9. A)K-means clustering algorithms
10. D)All of the above
11. D)All of the above
12. K-means is sensitive to outliers as it uses the mean of cluster data points to find the cluster center.
13. K-means usually:
    a. Generalizes to clusters of different shapes and sizes
    b. Guarantees Convergence
    c. Warm-starts the position of centroids
    d. Easily adapts
14. No, K-means is a non-deterministic algorithm i.e., if we run k-means algorithm several times on the same data it will give different results each time.