1. B
2. C
3. C
4. D
5. B
6. B
7. A
8. B
9. D
10. A
11. C
12. D
13. D
14. A
15. D

WORKSHEET 2 SQL

1. D
2. D
3. C
4. C
5. B
6. A
7. A
8. C
9. D
10. B
11. D
12. D
13. A
14. B,C
15. A,B

MACHINE LEARNING

1. B
2. D
3. A
4. A
5. B

6. A
7. A
8. D
9. A
10. D
11. D
12. K means clustering is sensitive to outliers, because mean can easily influenced by extreme values. K-medoids clustering is a variant of K-means that is more robust to noises and outliers.So either we can remove the outliers first and then apply clustering algorithm or we can ignore the outlier removal and just use more robust variations of K-means.
13. K means is better because of the following reasons:-1. It Can warm-start the positions of centroids.
    2. Easily adapts to new examples.
    3. Generalizes/form to clusters of different shapes and sizes, such as elliptical clusters.
    4. It is mainly used for image segmentation and image annotation projects.

14. The drawback or disadvantage of this is that it is non-deterministic in nature. It can starts with the random set of data points and due to which the random selection influences the quality of the resulting clusters. Besides this, each run/input of the algorithm for the same dataset may give a different output.