1. (B) statistics
2. (B) Random Forest

3. (C) Decision Tree are prone to overfit

4. (C) Training data
5. (C) Anamoly detection
6. (C) Case based
7. (D) Both a and b
8. (C) Both a and b
9. (C) 3
10. (A) PCA
11. (A) Number of groups may be known
12. (B) SVG
13. (B) Underfitting
14. (A) Reinforcement Learning
15. (B) Mean Squarred Error
16. (C) Nonlinear, binary
17. (A) Supervised Learning
18. (C) Both a and b
19. (A) removing columns which have too many missing values
20. (B) Hidden Attribute

21. (A) SVM allows very low error in classification

22. (B) Only 2

23. (A) $-(6/10 \log(6/10) + 4/10 \log(4/10))$

24. (A) weights are regularized with the l1 norm

25. (B) Logistic regression and Gaussian discriminant analysis

26. (D) Either 2 or 3

27. (B) increase by 5 pound

28. (D) Minimize the squared distance from the points

29. (C) As the value of one attribute decreases the value of the second attribute increases

     (D) The attributes show a curvilinear relationship

30. (B) Convolutional Neural Network