1. d) Collinearity
2. b) Random Forest
3. c) Decision Tree are prone to overfit
4. c) Training data
5. c) Anomaly detection
6. c) Case based
7. d) Both a and b
8. c) Both a and b
9. c) 3
10. a)PCA
    d) KMeans
11. c) Neither feature nor number of groups is known
12. b) SVG
13. b) Underfitting
14. a) Reinforcement Learning
15. b) Mean squared error
16. a) Linear, binary
17. a) supervised learning
18. c) Both a and b
19. a) removing columns which have too many missing values
20. c) input 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. b) As the value of one attribute increases the value of the second attribute also increases

30. b) Convolutional Neural Network