Answer of PFA file3

1) d) Collinearity

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) 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) c) Nonlinear, 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) Weight are regularized with the 11 norm

25) a) Perceptron and logistic regression

26) c) Either 1 or 3

27) b) Increased by 5 pound

28) d) Minimize the square distance from points

29) b) As the value of one attribute increases the value of the second attributes also increases

30) b) Convolutional neutral network