1) Answer: **(d) Collinearity**
2) Answer: **(b) Random Forest**
3) Answer: (**c) Decision trees are prone to overfitting**
4) Answer: **(c) Training data**
5) Answer: **(c) Anomaly detection**
6) Answer: **(c) Case based**
7) Answer: **(d) Both a and b**
8) Answer: **(c) Both a and b**
9) Answer: (b) **2**
10) Answer: (a) **PCA**
11) Answer: (c) **Neither feature nor number of groups is known**
12) Answer: (b) **SVG**
13) Answer: (b) **Underfitting**
14) Answer: (a) **Reinforcement learning**
15) Answer: (b) **Mean squared error**
16) Answer: (a) **Linear, binary**
17) Answer: (a). **supervised learning**
18) Answer: (a). **euclidean distance**
19) Answer: (b). **removing columns which have high variance in data**
20) Answer: (c). **input attribute.**
21) Answer: (a) **SVM allows very low error in classification**
22) Answer: (c) **2 and 3**
23) Answer: (a) **-(6/10 log(6/10) + 4/10 log(4/10))**
24) Answer: (a) **weights are regularized with the l1 norm**
25) Answer: (d) **Perceptron**
26) Answer: (c) **Either 1 or 3**
27) Answer: (b) **increase by 5 pound**
28) Answer: (a) **Pass through as many points as possible.**
29) Answer: (b) **As the value of one attribute increases the value of the second attribute also increases**
30) Answer: (b) **Convolutional Neural Network**