1. c) Entropy
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. b) 2
10. 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. D. none of these
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. a) Perceptron and logistic regression
26. c) Either 1 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