Answers:

1.a) Performance

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.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. (B) SVM allows high amount of 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. (D) Perceptron

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