Q1. d) Collinearity

Q2. b) Random Forest

Q3. c) decision trees are prone to overfitting

Q4. c) Training Data

Q5. C) Anomaly detection

Q6. C) Case based.

Q7. B) computational learning theory

Q8. C) both a and b

Q9. C) 3

Q10. d) k means.

Q11. c) Neither feature nor number of groups is known

Q12. b) SVG.

Q13. b) Underfitting.

Q14. a) Reinforcement learning.
Q15. d) Root mean squared error.

Q16. a) Linear, Binary

Q17. a) Supervised Learning.

Q18. c) Both a and b.

Q19. b) removing columns which have high variance in data .

Q20. C) Input attritube.

Q21. A) SVM allows very low error in classification.

Q22. B) only 2.

Q23. (A) -(6/10 log(6/10) + 4/10 log(4/10)).

Q24. A).weights are regularized with the l1 norm.

Q25. C. support vector Machine.

Q26. (D) Either 2 or 3.

Q27. (B) increase by 5 pound.

Q28. (D) Minimize the squared distance from the points.

Q29. (B) As the value of one attribute increases the value of the second attribute also increases.

Q30. (B) Convolutional Neural Network