# ANSWERS OF PFA

# FILE – 3

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. D) None

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) weights are regularized with the l1 norm

25. B) Logistic regression and
    Gaussian discriminant analysis

26. D) Either 2 or 3

27. B) increase by 5 pound

28. A) Pass through as many points
    as possible.

29. C) As the value of one attribute
    decreases the value of the
    second attribute increases

30. B) Convolutional Neural
    Network