File – 3

Ans-1] d) Collinearity

Ans-2] b) Random Forest

Ans-3] c) Decision Tree are prone to overfit

Ans-4] c) Training data

Ans-5] c) Anamoly detection

Ans-6] c) Case based

Ans-7] d) Both a and b

Ans-8] c) Both a and b

Ans-9] c) 3

Ans-10] a) PCA

Ans-11] c) Neither feature nor number of groups is known

Ans-12] b) SVG

Ans-13] b) Underfitting

Ans-14] a) Reinforcement learning

Ans-15] b) Mean squared error

Ans-16] c) Nonlinear, binary

Ans-17] a) supervised learning

Ans-18] c) both a and b

Ans-19] a) removing columns which have too many missing values

Ans-20] b) hidden attribute

Ans-21] A) SVM allows very low error in classification

Ans-22] B) Only 2.

Ans-23] A) -(6/10 log(6/10) + 4/10 log(4/10))

Ans-24] A) weights are regularized with the l1 norm

Ans-25] B) Logistic regression and Gaussian discriminant analysis

Ans-26] D) Either 2 or 3

Ans-27] D) None of the above

Ans-28] A) Pass through as many points as possible

Ans-29] C) As the value of one attribute decreases the value of the second attribute increases

Ans-30] B) Convolutional Neural Network