Answers

Q1-Answer ➔

d) Collinearity

Q2-Answer ➔

b) Random Forest

Q3-Answer ➔

c) Decision Tree are prone to overfit

Q4-Answer ➔

c) Training data

Q5-Answer ➔

c) Anamoly detection

Q6-Answer ➔

c) Case based

Q7-Answer ➔

d) Both a and b (Statistical learning theory & Computational learning theory)

Q8-Answer ➔

c) Both a and b (Curse of dimensionality & Calculate the distance of test case for all training cases)

Q9-Answer➔

c) 3

Q10-Answer ➔

a) PCA

d) KMeans

Q11-Answer ➔

c) Neither feature nor number of groups is known

Q12-Answer ➔

b) SVG

Q13-Answer ➔

b) Underfitting

Q14-Answer ➔

a) Reinforcement learning

Q15-Answer ➔

b) Mean squared error

Q16-Answer ➔

c) Nonlinear, binary

Q17-Answer ➔

a) supervised learning

Q18-Answer ➔

c) both a and b(euclidean distance & manhattan distance)

Q19-Answer➔

a) removing columns which have too many missing values

Q20-Answer ➔

c) input attribute

Q21-Answer ➔

A) SVM allows very low error in classification

Q22-Answer ➔

B) Only 2

Q23-Answer ➔

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

Q24-Answer ➔

A) weights are regularized with the l1 norm

Q25-Answer ➔

B) Logistic regression and Gaussian discriminant analysis

Q26-Answer ➔

D) Either 2 or 3

Q27-Answer ➔

B) increase by 5 pound

Q28-Answer ➔

D) Minimize the squared distance from the points

Q29-Answer➔

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

Q30-Answer ➔

B) Convolutional Neural Network