Question 1: Among the following identify the one in which dimensionality reduction reduces.

Ans. :- Collinearity

Question 2 : Which of the following machine learning algorithm is based upon the idea of bagging?

Ans. :- Random Forest

Question 3 : Choose a disadvantage of decision trees among the following.

Ans. :- Decision Tree are prone to overfit

Question 4 : What is the term known as on which the machine learning algorithms build a model based on sample data?

Ans. :- Training data

Question 5 : Which of the following machine learning techniques helps in detecting the outliers in data?

Ans. :- Clustering ,Classification, Anamoly detection, are of the above helps for detecting outliers.

Question 6 : Identify the incorrect numerical functions in the various function representation of machine learning.

Ans. :- Case based

Question 7: Analysis of ML algorithm needs

Ans. :- Statistical learning theory, Computational learning theory, Both are essential for Analyse of ML algorithm

Question 8 : Identify the difficulties with the k-nearest neighbor algorithm.

Ans. :- Curse of dimensionality, Calculate the distance of test case for all training cases ,have a difficulties when we deal with large data

Question 9 : The total types of the layer in radial basis function neural networks is _____

Ans. :- 3

Question 10 : Which of the following is not a supervised learning

Ans. :- Linear Regression