41) Among the following identify the one in which dimensionality reduction reduces.

# Ans--d) Collinearity

1. Which of the following machine learning algorithm is based upon the idea of bagging? **Ans--b) Random Forest**

1. Choose a disadvantage of decision trees among the following.

# Ans-- c) Decision Tree are prone to overfit

44) What is the term known as on which the machine learning algorithms build a model based on sample data?

# Ans-- c) Training data

45) Which of the following machine learning techniques helps in detecting the outliers in data? **Ans**-- **c) Anamoly detection**

46)Identify the incorrect numerical functions in the various function representation of machine learning. **Ans**-- **c) Case based**

47) Analysis of ML algorithm needs

**Ans**-- **d) Both a and b**

48)Identify the difficulties with the k-nearest neighbor algorithm

# Ans-- c) Both a and b

49) The total types of the layer in radial basis function neural networks is \_\_\_\_\_\_

**Ans**-- **c) 3**

50 Which of the following is not a supervised learning

**Ans--a) PCA**

# a) PCA