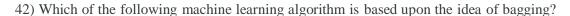
41)

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

- a) Performance
- b) statistics
- c) Entropy



a) Decision Tree

b) Random Forest



- d) SVM
- 43) Choose a disadvantage of decision trees among the following.
- a) Decision tree robust to outliers
- b) Factor analysis

d) all of the above

44)

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

- a) Data Training
- b) Sample Data
- d) None of the above

45)

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

- a) Clustering
- b) Classification
- d) All of the above

Identify the incorrect numerical functions in the various function representation of maclearning.
<ul> <li>a) Support Vector</li> <li>b) Regression</li> <li>d) Classification</li> </ul>
47)
Analysis of ML algorithm needs
<ul> <li>a) Statistical learning theory</li> <li>b) Computational learning theory</li> <li>c) None of the above</li> </ul>
48)
Identify the difficulties with the k-nearest neighbor algorithm.  a) Curse of dimensionality b) Calculate the distance of test case for all training cases  d) None
The total types of the layer in radial basis function neural networks isa) 1 b) 2 d) 4
Which of the following is not a supervised learning  b) Naïve bayes c) Linear regression d) KMeans