

b) Sample Data
c) Training data
d) None of the above
**Answer: c**
45) Which of the following machine learning techniques helps in detecting the outliers in data?
a) Clustering
b) Classification
c) Anomaly detection
d) All of the above
**Answer: c**
46) Identify the incorrect numerical functions in the various function representation of machine learning.
a) Support Vector
b) Regression
c) Case based
d) Classification
**Answer: a**
47) Analysis of ML algorithm needs
a) Statistical learning theory
b) Computational learning theory
c) None of the above
d) Both a and b
**Answer: d**

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
c) Both a and b
d) None
**Answer: c**
49) The total types of the layer in radial basis function neural networks is
a) 1
b) 2
c) 3
d) 4
**Answer: a**
50) Which of the following is not a supervised learning
a) PCA
b) Naïve bayes
c) Linear regression
d) KMeans
**Answer: d**
**Questions 51-60:**
51) What is unsupervised learning?
a) Number of groups may be known
b) Features of groups explicitly stated
c) Neither feature nor number of groups is known

d) None of the above
**Answer: c**
52) Which of the following is not a machine learning algorithm?
a) SVM
b) SVG
c) Random Forest Algorithm
d) None of the above
**Answer: b**
53) is the scenario when the model fails to decipher the underlying trend in the input da
a) Overfitting
b) Underfitting
c) Both a and b
d) None of the above
**Answer: b**
54) Real-Time decisions, Game AI, Learning Tasks, Skill acquisition, and Robot Navigation are applications of
a) Reinforcement learning
b) Supervised learning
c) Unsupervised Learning
d) None of the above
**Answer: a**
55) What is called the average squared difference between classifier predicted output and actual output?
a) Mean relative error

b) Mean squared error
c) Mean absolute error
d) Root mean squared error
**Answer: b**
56) Logistic regression is a regression technique that is used to model data having a
a) Linear, binary
b) Linear, numeric
c) Nonlinear, binary
d) Nonlinear, numeric
**Answer: a**
57) You are given reviews of few Netflix series marked as positive, negative and neutral. Classifying reviews of a new Netflix series is an example of
A. supervised learning
B. unsupervised learning
C. semi-supervised learning
D. reinforcement learning
**Answer: A**
58) Following is a powerful distance metric used by Geometric model
A. euclidean distance
B. manhattan distance
C. both a and b
D. square distance
**Answer: C**

A. removing columns which have too many missing values
B. removing columns which have high variance in data
C. removing columns with dissimilar data trends
D. none of these
**Answer: B**
0) Supervised learning and unsupervised clustering both require which is correct according to the tatement.
A. output attribute.
B. hidden attribute.
C. input attribute.

D. categorical attribute

\*\*Answer: C\*\*

59) Which of the following techniques would perform better for reducing dimensions of a data set?