

UNITWISEQUESTIONBANK SHORT AND LONGANSWERTYPEQUESTIONS

UNIT-I

S.No	Questions	BT	CO	PO
Part – A (Short Answer Questions)				
1	What are the applications of machine learning ?	L1	CO1	PO1
2	Define Machine Learning. And Types of Machine Learning?	L1	CO1	PO1
3	What is a consistent hypothesis?	L1	CO1	PO1
4	What is Linear Separability	L1	CO1	PO1
5	What is Linear Regression	L1	CO1	PO1
6	Write the types of Supervised learning algorithms	L1	CO1	PO1
7	State Hebb's rule	L1	CO1	PO1
8	Define Version Space	L1	CO1	PO1
9	What is Linear Discriminants?	L1	CO1	PO1
10	Define Perceptron	L1	CO1	PO1
11	What is Classification?	L1	CO1	PO1
12	What do you mean by Concept Learning?	L1	CO1	PO1
13	What is Concept learning task?	L1	CO1	PO1

S.No	Questions	BT	CO	PO
Part – B (Long Answer Questions)				
1	Discuss the perspective and issues in machine learning.	L1	CO1	PO1
2	Define Concept of Task and Concept Learning. With example explain how the Concept Learning task determines the Hypothesis for given target concept	L1	CO1	PO1
3	Distinguish between Supervised, Unsupervised and Semi-Supervised learning with examples	L1	CO1	PO1, PO2
4	Explain the Candidate Elimination algorithm with Example	L1	CO1	PO1
5	Evaluate the effectiveness of the candidate elimination algorithm in concept learning	L3	CO1	PO1, PO2
6	Explain the various stages involved in designing a learning system	L2	CO1	PO1
7	Explain McCulloch and Pitts mathematical model for neuron	L1	CO1	PO2
8	Explain Perspective and Issues in Machine Learning	L1	CO1	PO2
9	Explain the perceptron Learning Algorithm	L1	CO1	PO1