School of Computing Science and Engineering
Department of Computing Science and Engineering
Mid Term Examination

Exam Date: 27 Sep 2023
Time : 90 Minutes
Marks : 50

Sem VII - BTCS9608 - Deep Learning
Your answer should be specific to the question asked
Draw neat labeled diagrams wherever necessary

1) Discuss different types of transfer functions.   K2 (2)

2) Define vanishing descent.   K1 (3)

3) Distinguish Learning and Training.   K2 (4)

4) Classify types of problems in which Artificial Neural Network can be applied.   K2 (6)

5) Make use of sigmoid function to explain a perceptron model   K3 (6)

6) Identify issues in Machine learning.   K3 (9)

7) Analyze a perceptron with respect to biologocal neuron.   K4 (8)

8) Classify the operations of single layer and multil layer perceptron model and list advantages and disadvantages. Explain with architecture.   K4 (12)

OR

Analyze the factors influencing the difficulty of training deep neural networks.   K4 (12)