Manarat International University (MIU)

Department of Computer Science and Engineering
Neural Network and Fuzzy Systems (CSE-433)
Extra Class Test (Fall 2019)

ID ……………………………………………………………… Points: 15   Time: 20 minutes

1   Write the parameter update equations of Contrastive Divergence (CD-K) algorithm.   5

2

2   Define semi-restricted Boltzmann Machines.

3   Explain the **Softplus** activation function.   4

4   Explain Gaussian-Bernoulli RBM (GB-RBM)   4