

Manarat International University (MIU)

Department of Computer Science and Engineering

Neural Network and Fuzzy Systems (CSE-433)

Class Test-1 (Fall 2019) Section-B

ID Points: 15 Time: 25 minutes

- 1 What is the primary disadvantages of using Contrastive Divergence (CD) to train Restricted Boltzmann Machines (RBMs). 6

2 Explain Persistent Contrastive Divergence algorithm for RBMs.

5

3 Explain Gaussian-Bernoulli RBM (GB-RBM)

4