

National University of Computer and Emerging Sciences, Lahore Campus



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Reg. No

Instruction/Notes:

Question1 (5)

We are given a training data containing 6 features $\{x_1, x_2, \dots, x_{10}\}$ and one response $\{y\}$ for certain multiclass classification problem. y can be amongst one of the following classes $\{c_1, c_2, c_3, c_4, c_5\}$. The problem is linearly separable.

Draw a minimal Artificial Neural Network Architecture for the given problem. Also show the mapping of your ANN to the given classes.