Question Pattern
Semester Final Fall 2022
CSE 4237 - Soft Computing

Topics	Sets
● Hidden Markov Model ● Viterbi Algorithm ● RNN ● LSTM ● GRU	1
● Word Embedding ● BoW ● TF-IDF ● Attention Mechanism ● Vectorization of Neural Networks	1.5/2
● Activation Function ● Logistic Regression ● Optimizer ● Cross Entropy Loss ● Gradient Descent ● Information Theory	2
● CNN ● Parameter Calculation ● Parameter vs Hyperparameter ● Genetic Algorithm ● Traveling Salesman Problem	1
● Fuzzy Basics ● Fuzzy Membership Function ● Fuzzy Addition ● Fuzzy Composition ● Neuro-Fuzzy System	1/1.5

Instructions:
- You have to answer 5 sets out of 7. Each set will have 3 questions: CO1, CO2, CO3.