START OF QUIZ
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Question 1

Topic: Lecture 1
Source: Lecture 1

Imagine that we were using the Viterbi algorithm to ensure that our sequence of NER tags is valid. What might the scores in the transition matrix look like? (2)

Question 2

Topic: Lecture 2
Source: Lecture 2

What are the steps necessary for normalizing temporal events? (1)

Question 3

Topic: Lecture 3
Source: Lecture 3

How might theta roles help in the task of anaphora resolution? (1)

Question 4

Topic: Lecture 4
Source: Lecture 4

Can you think of a way to combine the two neural SRL models we looked at in class? (1)

Question 5

Topic: Lecture 2
Source: Lecture 2

If we're building a CRF for relation extraction, what other NLP tools might be useful for generating feature vectors? (At least 3) (1)

Question 6

Topic: Lecture 4
Source: Lecture 4

If we were to attempt joint NER and SRL, how would we set up the model? Describe the input, the architecture, and the output. (2)

Question 7

Topic: Lecture 3
Source: Lecture 3

Thinking in terms of vector semantics, do you think that each dimension of word embeddings could be considered a "semantic fundamental" (like "speaking", "load", "incoherent", etc.). Briefly explain. (1)

Question 8

Topic: Lecture 1
Source: Lecture 1

Give a BIO tagging of the following sentence: “On the 24th of February 1815, the lookout at Notre-Dame de la Garde signalled the arrival of the three-master Pharaon, coming from Smyrna, Trieste and Naples.” (2)

Question 9

Topic: Coding
Source: Lecture 2

Write code that uses a list of RDF triples to discover more through bootstrapping. (3)

END OF QUIZ