START OF QUIZ
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Question 1

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 2

Topic: Lecture 2
Source: Lecture 2

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

Question 3

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 4

Topic: Lecture 3
Source: Lecture 3

Roles like "Subject / Object" don't translate very well across some languages (most notably between Nominative-Accusative languages like English, and Ergative-Absolutive languages, like Basque). Do you think that semantic roles are more likely to be consistent? Briefly explain why or why not. (2)

Question 5

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 6

It makes sense that NPs can be arguments for theta-roles, but why do we also consider PPs?
(1)

Question 7

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 8

Topic: Lecture 3
Source: Lecture 3

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

Question 9

Topic: Coding
Source: Lecture 3

Identify all of the theta-roles in the following sentences: It all began with the forging of the Great Rings. Three were given to the Elves; immortal, wisest and fairest of all beings. Seven were handed to the Dwarf Lords, great miners and craftsmen of the mountain halls. And nine, nine rings were gifted to the race of Men, who above all else desire power. For within them was bound the strength and will to govern each race. But they were all of them deceived... for another ring was made. (3)

END OF QUIZ