START OF QUIZ
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Question 1

Topic: Lecture 3
Source: Lecture 3

How can semantic roles be used to identify relations in relation extraction? How can they help us identify false positives from our system? (2)

Question 2

Topic: Lecture 2
Source: Lecture 2

Explain how relation extraction and named entity recognition are related, and how they differ. (1)

Question 3

Topic: Lecture 4
Source: Lecture 4

Along with the features described in class for non-neural SRL, suggest 2 other features that we could use. (1)

Question 4

Topic: Lecture 1
Source: Lecture 1

Why are CRFs generally preferable to HMMs when it comes to NER? (1)

Question 5

Topic: Lecture 2
Source: Lecture 2

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

Question 6

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 7

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 8

Topic: Lecture 4
Source: Lecture 4

Why do you think that we pass the output of our classifier to an ILP solver instead of just incorporating the constraints into the model? (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