

**START OF QUIZ**  
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## Question 1

Topic: Lecture 3

Source: Lecture 3

Given the following ambiguous sentence, give both meanings in unambiguous FOL. Visiting friends can be annoying.

## Question 2

Topic: Lecture 4

Source: Lecture 4

How would you describe the following sentence in FOL (you don't need to write the FOL statement - just describe how it would be structured)? While seeking revenge, dig two graves - one for your enemy, and one for yourself.

### Question 3

Topic: Lecture 1

Source: Lecture 1

Should we lemmatize prior to looking up a word's sense? Why or why not? (1)

## Question 4

Topic: Lecture 1

Source: Lecture 1

Define the LCS. Why is it important for calculating word similarity? (2)

## Question 5

Topic: Lecture 2

Source: Lecture 2

In class, I mentioned that we rarely do WSD explicitly, because we would need one model / word. In COLX 521, we saw that we could lemmatize words to reduce them to a common form. Why couldn't we do something similar (like reducing all synonyms to a common hypernym) for WSD? (2)

## Question 6

Topic: Lecture 4

Source: Lecture 4

Make a brief argument about whether WordNet should be considered an ontology or a knowledge base. (1)

## Question 7

Topic: Lecture 2

Source: Lecture 2

What is the meaning of "One document, one sense" as it applies to Word Sense Disambiguation? (1)