START OF QUIZ
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Question 1

Topic: Topic2
Source: Lecture 2

What is the underlying assumption of the Lesk Algorithm?

Question 2

Topic: Topic4
Source: Lecture 4

Some verbs in English can take either one or two objects (such as "see" - I see a bird vs. I see a bird with binoculars). Explain, in terms of lambda calculus, why we would need separate predicates for these different uses of "see".

Question 3

What is the Modus Ponens conclusion available from the following statements? If Modus Ponens does not apply, state so. Dan cannot eat peanuts. Peanut butter is made from peanuts.

Question 4

Topic: Topic2
Source: Lecture 2

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

Question 5

Is implication transitive? That is, if A -> B, and B -> C, does A -> C? Explain.

Question 6

Topic: Topic4
Source: Lecture 4
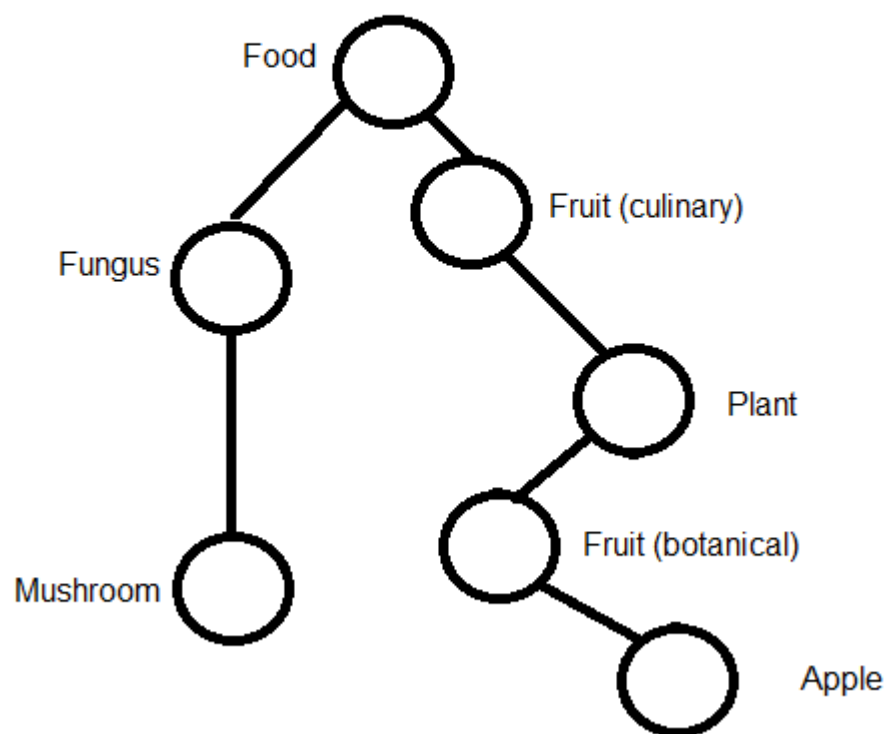
Why is FOL more expressive than ontologies (Description logics)? ie., what can FOL do that ontologies can't?

Question 7

Calculate the Wu-Palmer similarity for the following nodes. Mushroom and Fruit (botanical)

Question 8

Topic: Topic1
Source: Lecture 1

Define the LCS why is it important for calculating word similarity?

Question 9

Give an example of 3 OWL statements, other than we described in class. (ie, an example of an inverse relationship is ...; an example of a transitive relationship is ...)

END OF QUIZ