

START OF QUIZ

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Question 1

Topic: Lecture 2

Source: Lecture 2

How might translation affect WSD? (1)

Question 2

Topic: Lecture 3

Source: Lecture 3

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

Question 3

Topic: Lecture 3

Source: Lecture 3

Describe the effect that negation has on other logical operators - specifically, conjunction, disjunction, existence, and universality. You don't need to write this in FOL - a couple of sentences are fine. (2)

Question 4

Topic: Lecture 4

Source: Lecture 4

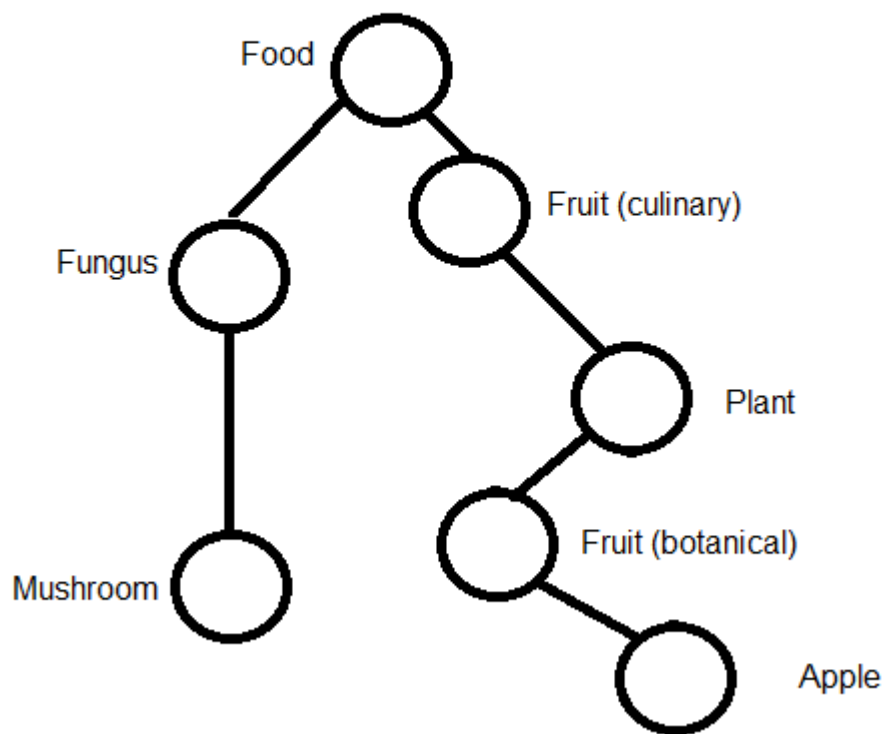
How would you describe the following sentence in FOL (you don't need to write the FOL statement - just describe how it would be structured)? After climbing a great hill, one only finds that there are many more hills to climb.

Question 5

Topic: Lecture 1

Source: Lecture 1

Given the following tree, what is the path similarity between the two leaf nodes?



Question 6

Topic: Lecture 1

Source: Lecture 1

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

Question 7

Topic: Lecture 4

Source: Lecture 4

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

Question 8

Topic: Lecture 2

Source: Lecture 2

What is the underlying assumption of the Lesk Algorithm? (1)

Question 9

Topic: Long

Source: Lecture 1

In class, we talked about how everyone has a slightly different meaning associated with most words. Explain why this isn't typically a barrier to communication, but how it could cause problems for computational algorithms. Do you think that algorithms can mostly overcome these problems? Why or why not? (3)

END OF QUIZ