

START OF QUIZ

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Question 1

Topic: Lecture 1

Source: Lecture 1

What is the relationship between sweet and sour?

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)? You have to dream before your dreams can come true.

Question 3

Topic: Lecture 3

Source: Lecture 3

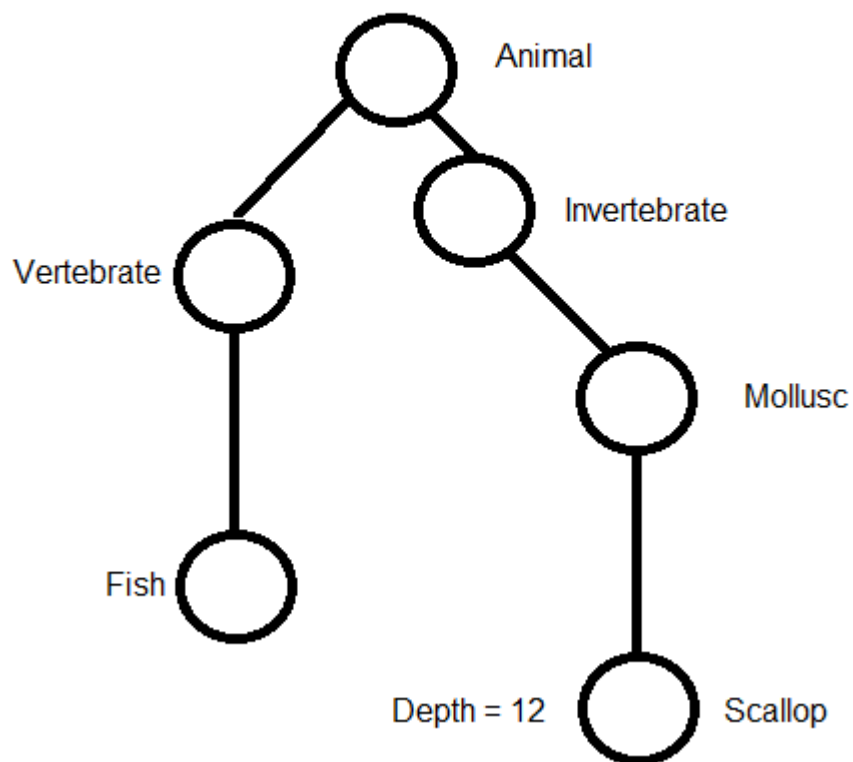
Given the following ambiguous sentence, give both meanings in unambiguous FOL. The lecturer said that there would be a test on Friday.

Question 4

Topic: Lecture 1

Source: Lecture 1

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



Question 5

Topic: Lecture 2

Source: Lecture 2

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

Question 6

Topic: Lecture 4

Source: Lecture 4

What is the purpose of an ontology? (1)

Question 7

Topic: Lecture 3

Source: Lecture 3

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

Question 8

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 9

Topic: Long

Source: Lecture 3

Write an FOL representation for the following sentences: Bats are the only mammals that fly. All squares are rectangles, but not all rectangles are squares. Vegetarians get protein from sources other than meat.

Some oranges are red.

END OF QUIZ