

**START OF QUIZ**

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## Question 1

Topic: Topic2

Source: Lecture 2

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

## Question 2

Topic: Topic3

Source: Lecture 3

Given that A is False, B is False, and C is False, list 3 complex statements that are true, and 2 that are false.

### Question 3

Topic: Topic1

Source: Lecture 1

What is the relationship between roots and a tree?

## Question 4

Topic: Topic4

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 5

Topic: Topic4

Source: Lecture 4

In class, we've discussed links in an ontology as positive predicates. Do you think it is worthwhile to create negative predicates (ie, Hamlet is not alive), etc.? What might be some benefits and disadvantages of such an approach, and does one outweigh the other?

## Question 6

Topic: Topic2

Source: Lecture 2

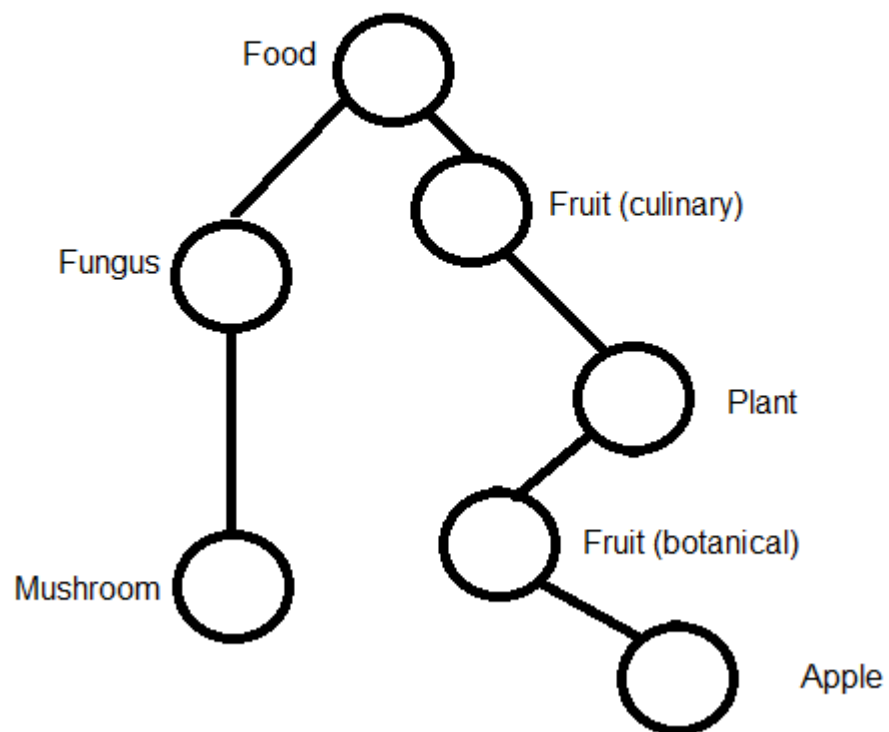
How are tools like the General Inquirer or LIWC used to perform content analysis?

## Question 7

Topic: Topic1

Source: Lecture 1

Calculate the Wu-Palmer similarity for the following nodes: Apple and Fungus.





## Question 8

Topic: Topic3

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 sentences are fine.

## Question 9

Topic: Coding

Source: Lecture 4

Give an example of 3 RDF 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**