# START OF QUIZ
# Student ID:
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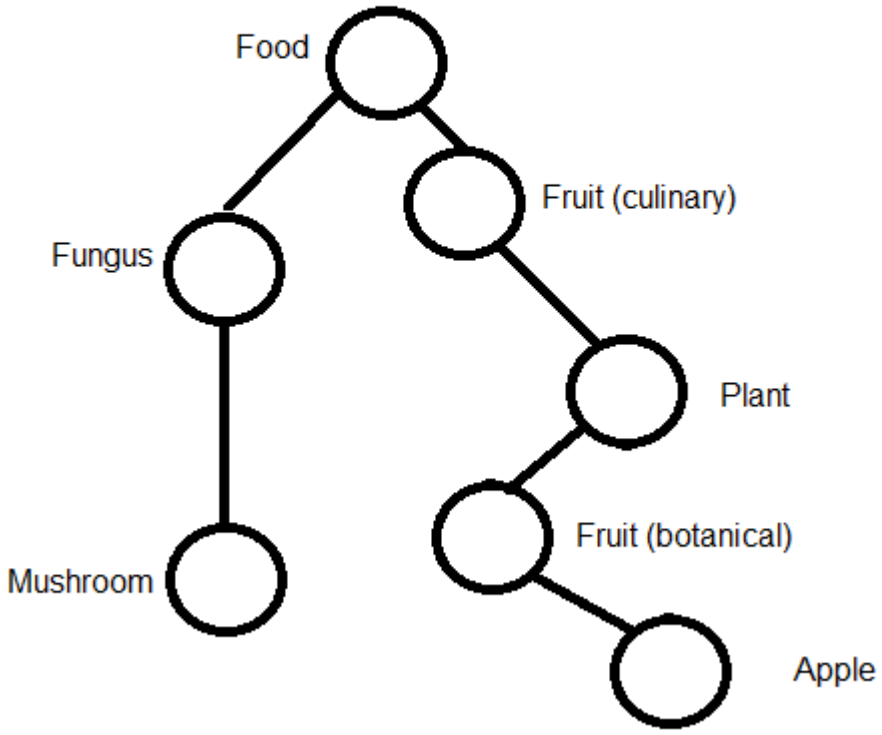
## Question 1

Topic: Topic1
Source: Lecture 1

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



## Question 2

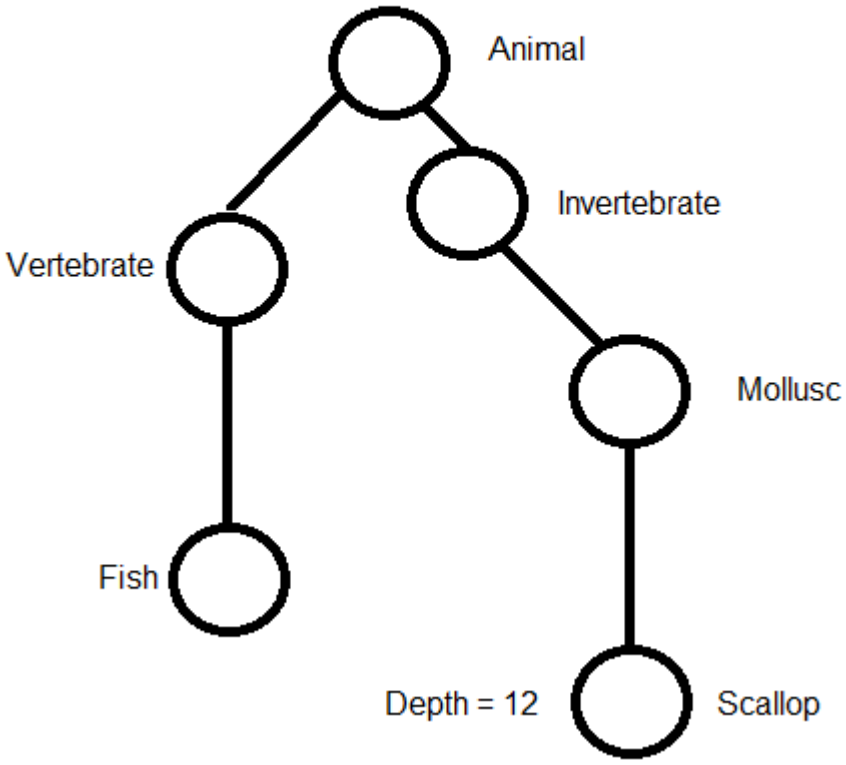
Topic: Topic4
Source: Lecture 4

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)? After climbing a great hill, one only finds that there are many more hills to climb.

## Question 3

Topic: Topic1
Source: Lecture 1

Calculate the Wu-Palmer similarity for the following nodes: Fish and Mollusc.



## Question 4

Topic: Topic3
Source: Lecture 3

What is the Modus Ponens conclusion available from the following statements? If Modus Ponens does not apply, state so. All oranges are tasty. Oranges are fruit.

## Question 5

Topic: Topic2
Source: Lecture 2

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

## Question 6

Topic: Topic3
Source: Lecture 3

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

## Question 7

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 8

Topic: Topic2
Source: Lecture 2

Describe how a seed lexicon can be used to perform semi-supervised WSD.

## Question 9

Topic: Coding
Source: Lecture 2

Write a function that transforms a sentence into a feature vector containing the following features: the first word before and after the word of interest that isn't a stopword, and any verbs in the sentence.

# END OF QUIZ